Telephone No. 4953 Holborn

D. 11.3

Boc
30 (H)

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE

University of London

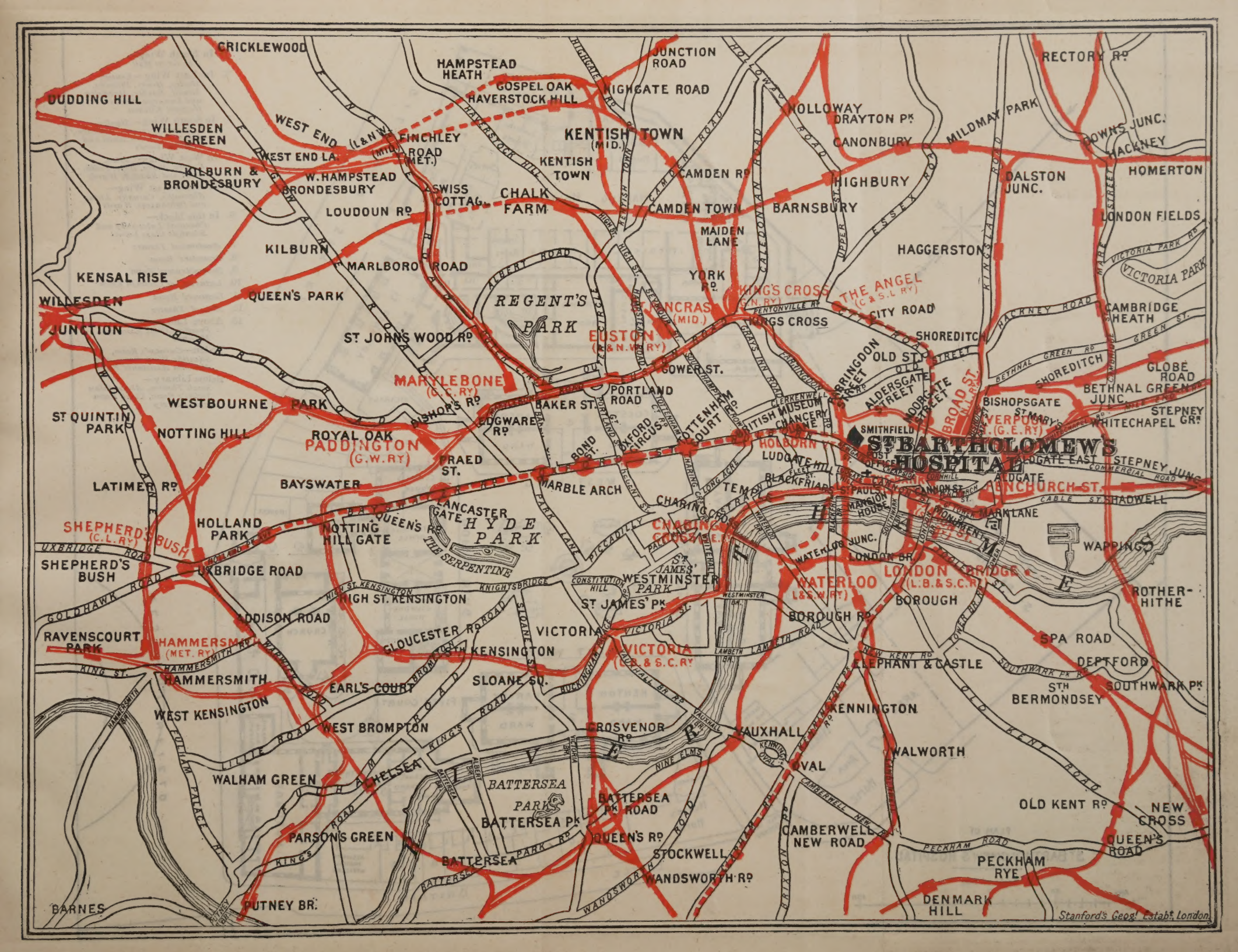
SESSIONS 1904–1905

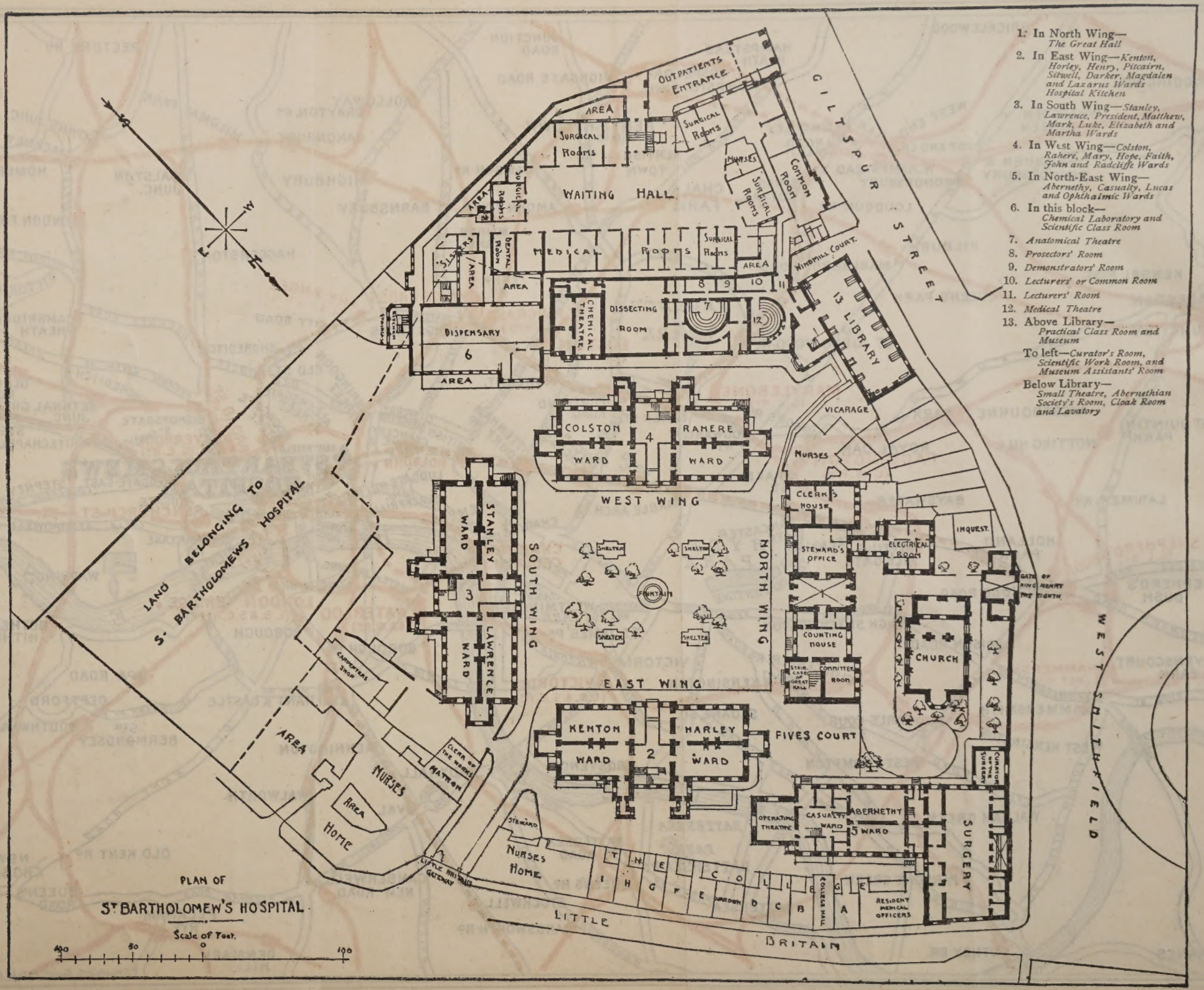
CONTENTS

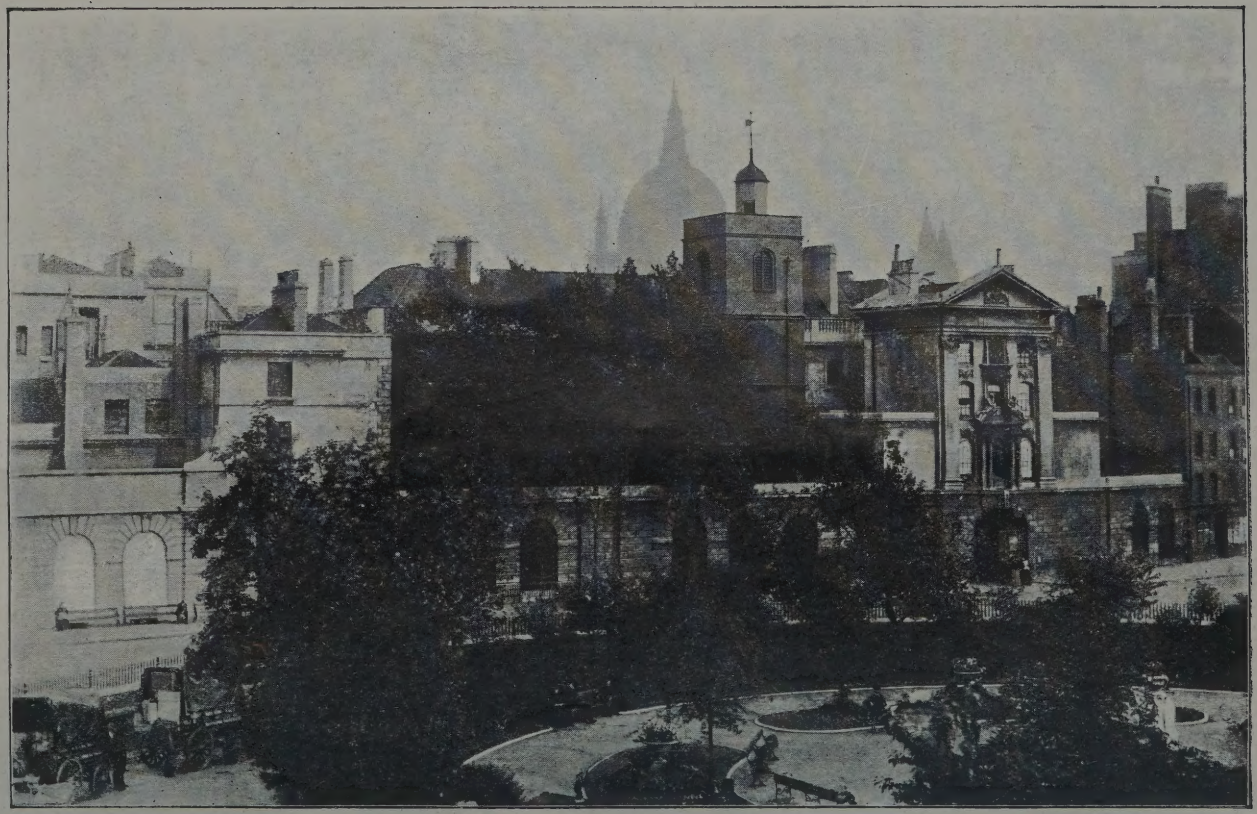
	PAGE
Maps	
Frontispiece: The Hospital (Entrance from Smithfield)	
Medical and Surgical Staff	2
Lectures and Demonstrations, List of	3
Communications, &c.	5
Supervision of Studies	5
College Tutors	5
Extension of Hospital	6
Summary of Scholarships and Prizes	7
Calendar	8
Introductory Notice of Hospital	14
Suggestions to Students about to enter Medical Profession	18
Preliminary Examinations and Registration	18
Entrance to Medical School	19
Suggestions to Students as to Course of Medical Study	20
Scholarships, Exhibitions, and Foundation Prizes	22
The College	27
The Library	28
The Museum	29
Department of Medicine:	
Systematic Lectures	30
Clinical Lectures	31
Practical Medicine	31
Tutorial Classes	31
Clinical Appointments	31
Department of Surgery:	
Systematic Lectures	33
Clinical Lectures	34
Practical Surgery	34
Operative Surgery	34
Tutorial Classes	35
Surgical Consultations	35
Surgical Operations	35
Clinical Appointments	35
Special Classes for Higher Degrees, &c.	37
Department of Midwifery:	
Systematic Lectures	38
Clinical Lectures	38
Practical Midwifery	38
Tutorial Classes	38
Clinical Appointments	38
Department of Pathology	40–43
Department for Diseases of Children	43
Department for Diseases of the Eye	44
Department for Diseases of the Ear	46
Department for Diseases of Throat and Nose	47
Department of Orthopædic Surgery	48
Department for Diseases of the Skin	49
Department of Medical Electricity and Electro-Therapeutics	49
Department of Psychological Medicine or Insanity	50
Dental Department	51
Department for Administration of Anæsthetics	51
Department of Forensic Medicine	52
Department of Anatomy	53
Department of Physiology	55
Department of Materia Medica and Pharmacology	57
Department of Biology and Comparative Anatomy	58
Department of Chemistry	60
Department of Physics	61
Department for Public Health Instruction	62
Preliminary Scientific Department	64
Times of Attendance of Medical and Surgical Staff	68
Days and Hours of Attendance on Lectures and Demonstrations	69
Fees for Lectures, Hospital Practice, and Special Classes, &c.	71
Students' Union of St. Bartholomew's Hospital	73
Abernethian Society	73
The Union Recreation Ground	73
St. Bartholomew's Hospital Journal	73
Junior Staff of St. Bartholomew's Hospital	74
Scholars and Exhibitioners in 1903	75
List of Students who have passed Examinations in 1903	76
List of Scholars, Prizes, &c.	79
St Bartholomew's Hospital Reports	Page 3 of Cover

Wellcome Library

22503576751


CRICKLEWOOD
HAMPSTEAD HEATH
GOSPEL OAK
HAVERSTOCK HILL
JUNCTION ROAD
HIGHGATE ROAD
DUDDING HILL
WILLESDEN GREEN
WEST END
(L&N.W.R.)
FINCHLEY ROAD
(MID. & MET.)
KENTISH TOWN
(MID.)
KENTISH TOWN
HOLLOWAY
DRAYTON PK
CANONBURY
MILDMAY PARK
RECTORY RD
DOWNS JUNC.
HACKNEY
HOMERTON
WEST END LA.
KILBURN & BRONDESBURY
W. HAMPSTEAD
BRONDESBURY
SWISS COTTAG.
CHALK FARM
CAMDEN RD
HIGHBURY
DALSTON JUNC.
LOUDOUN RD
CAMDEN TOWN
BARNSBURY
LONDON FIELDS
MAIDEN LANE
KILBURN
MARLBORO' ROAD
HAGGERSTON
VICTORIA PARK
KENSAL RISE
YORK RD
KING'S CROSS
(G.N.RY.)
THE ANGEL
(C.&S.L.RY.)
QUEEN'S PARK
REGENT'S PARK
ST. PANCRAS
(MID.)
PENTONVILLE RD.
CITY ROAD
CAMBRIDGE HEATH
WILLESDEN JUNCTION
ST. JOHN'S WOOD RD
EUSTON
(L.&N.W.RY.)
GRAYS INN ROAD
SHOREDITCH
GOWER ST.
OLD ST.
GLOBE ROAD
MARYLEBONE
(G.C.RY.)
PORTLAND ROAD
BETHNAL GREEN JUNC.
WESTBOURNE PARK
BAKER ST.
BISHOPSGATE
ST. MARY'S
(G.E.RY.)
ST. QUINTIN PARK
BISHOP'S RD
EDGWARE RD
STEPNEY
WHITECHAPEL GR.
NOTTING HILL
ROYAL OAK
PADDINGTON
(G.W.RY.)
PRAED ST.
OXFORD CIRCUS
TOTTENHAM COURT RD
BRITISH MUSEUM
CHANCERY LANE
HOLBORN
LUDGATE HILL
ST. BARTHOLOMEW'S HOSPITAL
LATIMER RD
BAYSWATER
MARBLE ARCH
TEMPLE
BLACKFRIARS
ALDGATE
ALDGATE EAST
STEPNEY JUNC.
LANCASTER GATE
HYDE PARK
CHARING CROSS
(S.E.R.)
MONUMENT
MARK LANE
SHEPHERD'S BUSH
(C.L.RY.)
HOLLAND PARK
NOTTING HILL GATE
QUEEN'S RD
THE SERPENTINE
PICCADILLY
WESTMINSTER BR.
WATERLOO BR.
LONDON BR.
WAPPING
UXBRIDGE ROAD
SHEPHERD'S BUSH
UXBRIDGE ROAD
ST. JAMES' PARK
WESTMINSTER
WATERLOO
(L&S.W.RY.)
LONDON BRIDGE
(L.B.&S.C.RY.)
ROTHERHITHE
GOLDHAWK ROAD
HIGH ST. KENSINGTON
KNIGHTSBRIDGE
ADDISON ROAD
ST. JAMES' PK
BOROUGH
BOROUGH RD.
RAVENSCOURT PARK
HAMMERSMITH
(MET.RY.)
GLOUCESTER RD
SOUTH KENSINGTON
VICTORIA
VICTORIA
(L.B.&S.C.RY.)
SPA ROAD
DEPTFORD
HAMMERSMITH
EARL'S COURT
SLOANE SQ.
ELEPHANT & CASTLE
STH BERMONDSEY
SOUTHWARK PK
WEST KENSINGTON
WEST BROMPTON
CROSVENOR RD
VAUXHALL
KENNINGTON
WALWORTH
WALHAM GREEN
CHELSEA
BATTERSEA PARK
OVAL
BATTERSEA PK ROAD
OLD KENT RD
NEW CROSS
PARSON'S GREEN
BATTERSEA PK
QUEEN'S RD
CAMBERWELL NEW ROAD
QUEEN'S ROAD
STOCKWELL
PECKHAM RYE
BATTERSEA
WANDSWORTH RD
BARNES
PUTNEY BR.
DENMARK HILL
Stanford's Geog! Estabt London.


1. In North Wing—
The Great Hall
2. In East Wing—Kenton, Horley, Henry, Pitcairn, Sitwell, Darker, Magdalen and Lazarus Wards
Hospital Kitchen
3. In South Wing—Stanley, Lawrence, President, Matthew, Mark, Luke, Elizabeth and Martha Wards
4. In West Wing—Colston, Rahere, Mary, Hope, Faith, John and Radcliffe Wards
5. In North-East Wing—Abernethy, Casualty, Lucas and Ophthalmic Wards
6. In this block—
Chemical Laboratory and Scientific Class Room
7. Anatomical Theatre
8. Prosectors' Room
9. Demonstrators' Room
10. Lecturers' or Common Room
11. Lecturers' Room
12. Medical Theatre
13. Above Library—
Practical Class Room and Museum
To left—Curator's Room, Scientific Work Room, and Museum Assistants' Room
Below Library—
Small Theatre, Abernethian Society's Room, Cloak Room and Lavatory
OUTPATIENTS ENTRANCE
SURGICAL ROOMS
WAITING HALL
MEDICAL ROOMS
DISSECTING ROOM
CHEMICAL THEATRE
DISPENSARY
COMMON ROOM
NURSES
WINDMILL COURT
13 LIBRARY
GILTSPUR STREET
VICARAGE
COLSTON WARD
RAHERE WARD
WEST WING
STANLEY WARD
LAWRENCE WARD
SOUTH WING
NORTH WING
EAST WING
CLERK'S HOUSE
STEWARD'S OFFICE
ELECTRICAL ROOM
INQUEST
COUNTING HOUSE
COMMITTEE ROOM
CHURCH
KENTON WARD
HARLEY WARD
FIVES COURT
OPERATING THEATRE
CASUALTY WARD
ABERNETHY WARD
SURGERY
RESIDENT MEDICAL OFFICERS
COLLEGE HALL
NURSES HOME
STEWARD
MATRON
CARPENTERS SHOP
LAND BELONGING TO S. BARTHOLOMEWS HOSPITAL
LITTLE BRITAIN GATEWAY
LITTLE BRITAIN
WEST SMITHFIELD
PLAN OF
ST BARTHOLOMEW'S HOSPITAL
Scale of Feet.
100 50 0 100



ST BARTHOLOMEW'S HOSPITAL. ENTRANCE FROM SMITHFIELD

THE ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE CALENDAR

FOR THE SESSIONS 1904–1905

ΙΗΤΡΙΚΗ ΤΕΧΝΕΩΝ ΜΕΝ ΠΑΣΕΩΝ ΕΣΤΙΝ ΕΠΙΦΑΝΕΣΤΑΤΗ

LONDON
PRINTED BY BALLANTYNE, HANSON & CO.
TAVISTOCK STREET, COVENT GARDEN
1904

(10515)

THE MEDICAL AND SURGICAL STAFF.

Consulting Physicians.

Sir W. S. CHURCH, Bart., K.C.B.; Dr. HENSLEY;
Sir LAUDER BRUNTON, F.R.S.

Consulting Surgeons.

Mr. HOLDEN; Sir THOMAS SMITH, Bart., K.C.V.O.;
Mr. WILLETT; Mr. BUTLIN; Mr. MARSH.

Consulting Ophthalmic Surgeon.

Mr. HENRY POWER

Physicians.

Dr. GEE; Sir DYCE DUCKWORTH; Dr. NORMAN MOORE;
Dr. SAMUEL WEST; Dr. ORMEROD.

Surgeons.

Mr. LANGTON; Mr. HARRISON CRIPPS; Mr. BRUCE CLARKE;
Mr. ANTHONY BOWLBY, C.M.G.; Mr. LOCKWOOD.

Assistant-Physicians.

Dr. HERRINGHAM; Dr. TOOTH, C.M.G.; Dr. GARROD;
Dr. CALVERT; Dr. MORLEY FLETCHER.

Assistant-Surgeons.

Mr. D'ARCY POWER; Mr. WARING; Mr. ECCLES;
Mr. BAILEY; Mr. HARMER.

Physician-Accoucheur.

Dr. CHAMPNEYS.

Assistant-Physician-Accoucheur.
Dr. W. S. A. GRIFFITH.

Surgeon to Obstetric Wards.
Mr. HARRISON CRIPPS

Ophthalmic Surgeons.

Mr. JESSOP; Mr. HOLMES SPICER.

Aural Surgeon.

Mr. CUMBERBATCH.

Dental Surgeons.

Mr. PATERSON; Mr. ACKERY.

Assistant Dental Surgeons.

Mr. ACKLAND; Dr. AUSTEN.

Medical Officer in charge of Electrical Department

Dr. LEWIS JONES.

Pathologist.

Dr. ANDREWES.

Administrators of Anæsthetics.

Mr. GILL; Dr. EDGAR WILLETT.

Medical Registrars.
Dr. HORTON SMITH. Dr. HORDER

Surgical Registrar.
Mr. GASK.

Casualty Physicians.

Dr. BAINBRIDGE; Dr. TALBOT.

WELLCOME LIBRARY
General Collection
P
5751

LECTURES AND DEMONSTRATIONS.

MEDICINE	NORMAN MOORE, M.D., F.R.C.P.
	SAMUEL WEST, M.D., F.R.C.P.
Clinical Medicine	S. GEE, M.D., F.R.C.P.
	Sir DYCE DUCKWORTH, M.D., LL.D., F.R.C.P.
	NORMAN MOORE, M.D., F.R.C.P.
	SAMUEL WEST, M.D., F.R.C.P.
	J. A. ORMEROD, M.D., F.R.C.P.
Practical Medicine	JAMES CALVERT, M.D., F.R.C.P.
	H. MORLEY FLETCHER, M.D., F.R.C.P.
	Junior Demonstrator:
	W. LANGDON BROWN, M.D., M.R.C.P.
SURGERY	A. A. BOWLBY, C.M.G., F.R.C.S.
	W. BRUCE CLARKE, M.B., F.R.C.S.
Clinical Surgery	JOHN LANGTON, F.R.C.S.
	H. T. BUTLIN, F.R.C.S., D.C.L.
	HARRISON CRIPPS, F.R.C.S.
	W. BRUCE CLARKE, M.B., F.R.C.S.
	ANTHONY BOWLBY, C.M.G., F.R.C.S.
	C. B. LOCKWOOD, F.R.C.S.
Practical Surgery	H. J. WARING, M.S., M.B., F.R.C.S.
	R. C. BAILEY, M.S., M.B., F.R.C.S.
	Junior Demonstrator:
	G. E. GASK, F.R.C.S.
Operative Surgery	R. C. BAILEY, M.S., M.B., F.R.C.S.
	W. MCADAM ECCLES, M.S., M.B., F.R.C.S.
	W. D. HARMER, M.C., M.B., F.R.C.S.
MIDWIFERY AND THE DISEASES OF WOMEN AND CHILDREN	F. H. CHAMPNEYS, M.D., F.R.C.P.
Practical Midwifery	H. WILLIAMSON, M.B., M.R.C.P.
PATHOLOGY	F. W. ANDREWES, M.D., F.R.C.P.
Bacteriology (Advanced)	E. E. KLEIN, M.D., F.R.S.
Chemical Pathology	A. E. GARROD, M.D., F.R.C.P.
Morbid Anatomy and Post-Mortems	P. HORTON SMITH, M.D., F.R.C.P.
	T. J. HORDER, M.D., M.R.C.P. (Medical)
	G. E. GASK, F.R.C.S. (Surgical)
Practical Pathology	F. A. ROSE, M.B., F.R.C.S.
	H. THURSFIELD, M.D., M.R.C.P.
	Junior Demonstrators:
	J. G. FORBES, M.D., M.R.C.P.
	J. F. JENNINGS, M.B., F.RC.S.
OPHTHALMIC MEDICINE AND SURGERY	W. H. JESSOP, M.B., F.R.C.S.
Diseases of the Eye	W. H. JESSOP, M.B., F.R.C.S.
	W. HOLMES SPICER, M.B., F.R.C.S.
Ophthalmoscopic Demonstrations	W. HOLMES SPICER, M.B., F.R.C.S.
DISEASES OF THE EAR	A. E. CUMBERBATCH, M.B., F.R.C.S.
DISEASES OF THE LARYNX	W. D. HARMER, M.C., F.R.C.S.
ORTHOPÆDIC SURGERY	W. MCADAM ECCLES, M.S., F.R.C.S.
DISEASES OF THE SKIN	J. A. ORMEROD, M.D., F.R.C.P.
DISEASES OF CHILDREN	A. E. GARROD, M.D., F.R.C.P.
	H. MORLEY FLETCHER M.D., F.R.C.P.

MEDICAL ELECTRICITY AND ELECTRO-THERAPEUTICS	H. LEWIS JONES, M.D., F.R.C.P.
MENTAL DISEASES AND INSANITY	T. CLAYE SHAW, M.D., F.R.C.P.
DENTAL SURGERY	W. B. PATERSON, F.R.C.S., L.D.S. J. ACKERY, M.R.C.S., L.D.S.
ANÆSTHETICS	R. GILL, M.B., B.Sc., F.R.C.S. EDGAR WILLETT, M.D., F.R.C.S.
FORENSIC MEDICINE	W. P. HERRINGHAM, M.D., F.R.C.P.
Practical Toxicology	F. D. CHATTAWAY, D.Sc., M.A., Ph.D. W. H. HURTLEY, D.Sc.
DESCRIPTIVE AND SURGICAL ANATOMY	H. J. WARING, M.S., F.R.C.S. W. MCADAM ECCLES, M.S., F.R.C.S.
Practical Anatomy	L. B. RAWLING, M.B., F.R.C.S. Junior Demonstrators: C. E. WEST, M.B., F.R.C.S. S. R. SCOTT, M.B., B.S., F.R.C.S. C. G. WATSON, F.R.C.S. T. J. FAULDER, M.R.C.S.
GENERAL ANATOMY AND PHYSIOLOGY	J. S. EDKINS, M.A., M.B.
Practical Physiology	J. S. EDKINS, M.A., M.B. W. LANGDON BROWN, M.A., M.D., M.R.C.P. F. A. BAINBRIDGE, M.D., M.R.C.P.
MATERIA MEDICA, PHARMACOLOGY & THERAPEUTICS	JAMES CALVERT, M.D., F.R.C.P.
Pharmacology	F. A. BAINBRIDGE, M.D., M.R.C.P.
BIOLOGY AND COMPARATIVE ANATOMY	T. W. SHORE, M.D., B.Sc.
Practical Biology	T. W. SHORE, M.D., B.Sc. Assistant Demonstrators: K. S. WISE, B.Sc. E. M. WOODMAN.
CHEMISTRY	FRED. D. CHATTAWAY, D.Sc., Ph.D., M.A.
Practical Chemistry	FRED. D. CHATTAWAY, D.Sc., Ph.D., M.A. Demonstrator: W. H. HURTLEY, D.Sc.
PHYSICS	FRED. WOMACK, M.B., M.R.C.S.
Practical Physics	FRED. WOMACK, M.B., M.R.C.S.
BOTANY	Rev. G. HENSLOW, M.A., F.L.S.
PUBLIC HEALTH	W. H. HAMER, M.D., F.R.C.P., D.P.H.
Practical Hygiene & Public Health	J. K. WARRY, M.D., M.R.C.P., D.P.H.
MUSEUM CURATOR	F. W. ANDREWES, M.D., F.R.C.P. Junior Curator: EUSTACE TALBOT, M.D., M.R.C.P.

Dean of School.
H. J. WARING, M.S., F.R.C.S.

Warden of College.
W. D. HARMER, M.C., F.R.C.S.

ALL COMMUNICATIONS concerning the Medical School should be addressed and cheques made payable, to

W. D. HARMER, Esq. M.C. (Cantab.).

Warden of the College,

St. Bartholomew's Hospital, London, E.C.

The Warden is at home daily (at the Warden's House) from 11 to 1, and at other times by appointment.

THE WINTER SESSION 1904–1905 begins on October 3rd, 1904, and ends on March 31st, 1905.

THE ENTRANCE SCHOLARSHIPS will be awarded after an Examination held on September 19th, 1904, and following days (*vide* p. 22).

A REGISTER of Senior and recently qualified St. Bartholomew's men, who are seeking Practices, Partnerships, Assistantships and Locum tenencies, is kept by the School Registrar, Mr. W. E. SARGANT, M.R.C.S., L.R.C.P., and all communications relating to these appointments should be addressed to him at the Hospital. (Telephone 4953 "Holborn.")

SUPERVISION OF THE STUDIES OF STUDENTS.

IN order to facilitate and direct the studies of the different classes of students coming to St. Bartholomew's Hospital, Special Tutors have been appointed. Students are strongly urged to consult the Tutor to whom they have been attached concerning all points in connection with their Studies, Clinical Appointments, or Examinations.

Tutor for University of London Students:

H. J. WARING, M.S., M.B., B.Sc. (Lond.).

Tutor for University of Oxford Students:

A. E. GARROD, M.D. (Oxon.).

Tutor for University of Cambridge Students:

J. H. DRYSDALE, M.D. (Cantab.).

Tutor for Students of the Royal Colleges of Physicians and Surgeons:

W. D. HARMER, M.C. (Cantab.), F.R.C.S.

EXTENSION OF THE HOSPITAL AND NEW BUILDINGS.

THE site of St. Bartholomew's Hospital has recently been extended by the purchase of one and a half acres of adjoining land from Christ's Hospital, and the Foundation-stone of the first new block of buildings was laid by His Majesty the King on July 6, 1904.

This Block will contain

A NEW CASUALTY DEPARTMENT

MEDICAL AND SURGICAL OUT-PATIENTS' ROOMS

AND

EIGHT SPECIAL DEPARTMENTS

each complete within itself, namely:

OPHTHALMIC	ORTHOPÆDIC
AURAL	DENTAL
LARYNGOLOGICAL	GYNÆCOLOGICAL, and
DERMATOLOGICAL	ELECTRICAL

AS WELL AS

A CLINICAL LECTURE THEATRE

A NEW CASUALTY WARD

AND

DISPENSARY

It will also contain **quarters** for the **Resident Staff** and a **Dining Hall** and **Common Rooms** for the Students. These will be situated in that part of the building facing on to Giltspur Street.

This block will be built on part of the new site, so that during its erection the work of the Hospital and School will be in no way interfered with, and the existing Casualty Department and Resident Officers' Quarters will be occupied until the new buildings are ready for use.

Two additional Operating Theatres are also being erected, and will be ready early in the Winter Session.

SCHOLARSHIPS AND PRIZES.

(For detailed particulars, see pp. 22–26.)

The following Twenty-six Scholarships and Prizes are obtainable by Students at St. Bartholomew's Hospital:

AT ENTRANCE:

Entrance Scholarship in Science—Senior	£75
Entrance Scholarship in Science—Senior	75
Entrance Scholarship in Science—Junior	150
Preliminary Scientific Exhibition	50
Jeaffreson Exhibition	20*
Shuter Scholarship	50

AT END OF FIRST YEAR:

Junior Scholarship	30
Junior Scholarship	20
Junior Scholarship	25
Junior Scholarship	15
Treasurer's Prize	5

AT END OF SECOND YEAR.

Senior Scholarship	50
Foster Prize	6*
Harvey Prize	6/6/-*
Wix Prize	5*
Hichens Prize	6*

AT END OF THIRD AND LATER YEARS:

Lawrence Scholarship and Gold Medal	42*
Kirkes Scholarship and Gold Medal	30*
Brackenbury Medical Scholarship	39*
Brackenbury Surgical Scholarship	39*
Sir George Burrows Prize	10/10/-*
Skynner Prize	13/13/-*
Bentley Prize	5/10/-*
Matthews Duncan Medal and Prizes	20*
Willett Medal	3/3/-*
Walsham Prize	7/7/-*

The total value of the Scholarships and Prizes awarded annually is about £800.

* The amounts stated for these Scholarships and Prizes are approximate; the exact amounts depending upon dividends from endowments.

CALENDAR 1904–1905.

OCTOBER 1904.

1	S		15	S	
2	☽	*Eighteenth Sun. after Trinity.*			
3	M	ANNUAL DINNER OF OLD STUDENTS. Winter Session begins. Cambridge Michaelmas Term begins.	16	☽	*Twentieth Sun. after Trinity.*
			17	M	
			18	TU	
4	TU	Exam. for D.P.H. (Camb.) begins.	19	W	
			20	TH	
5	W		21	F	
6	TH	2nd Exam. Conjoint Board begins.	22	S	
7	F				
8	S		23	☽	*Twenty-first Sun. aft. Trinity.*
			24	M	
9	☽	*Nineteenth Sun. after Trinity.*	25	TU	
10	M	Oxford Michaelmas Term begins.	26	W	
			27	TH	
11	TU	Final Exam. Conjoint Board (Medicine) begins.	28	F	
			29	S	
12	W				
13	TH	Final Exam. Conjoint Board (Midwifery) begins.	30	☽	*Twenty-second Sun. aft. Trinity.*
14	F	Final Exam. Conjoint Board (Surgery) begins.	31	M	Exam. for M.B., B.S. (London) begins.

NOVEMBER 1904.

1	TU		16	W	
2	W		17	TH	
3	TH	Primary F.R.C.S. Exam. begins.	18	F	Final F.R.C.S. Exam. begins.
			19	S	
4	F				
5	S				
			20	☽	*Twenty-fifth Sun. aft. Trinity.*
6	☽	*Twenty-third Sun. aft. Trinity.*	21	M	
7	M		22	TU	
8	TU		23	W	
9	W		24	TH	
10	TH		25	F	
11	F		26	S	
12	S				
			27	☽	*Advent Sunday.*
13	☽	*Twenty-fourth Sun. aft. Trinity.*	28	M	
14	M		29	TU	
15	TU		30	W	

DECEMBER 1904.

1	Th		17	S	Cambridge Michaelmas Term ends. **Winter Session divides.**
2	F				
3	S				
4	S	*Second Sunday in Advent.*			
5	M	Exams. for M.D. and M.S. (London) begin.	18	S	*Fourth Sunday in Advent.*
			19	M	
6	Tu		20	Tu	
7	W		21	W	
8	Th	1st and 2nd Exams. for M.B. (Oxford) begin.	22	Th	
			23	F	
9	F		24	S	
10	S				
11	S	*Third Sunday in Advent.*			
12	M	1st, 2nd, and Part I. of 3rd Exams. for M.B. (Camb.) begin.	25	S	Christmas Day.
			26	M	
			27	Tu	
13	Tu	Part II. of 3rd Exam. for M.B. (Camb.) begins.	28	W	
			29	Th	
14	W		30	F	
15	Th	Oxford Michaelmas Term ends.	31	S	
16	F				

JANUARY 1905.

1	S	*First Sunday after Christmas.*	16	M	Prel. Scientific and Int. M.B. (London) Exams. begin.
2	M				
3	Tu	1st Exam. Conjoint Board begins.	17	Tu	
			18	W	
4	W	Epiphany. **Winter Session Resumes.**	19	Th	
			20	F	
5	Th	2nd Exam. Conjoint Board begins.	21	S	
6	F				
7	S				
8	S	*First Sunday after Epiphany.*	22	S	*Third Sunday after Epiphany.*
9	M	Exam. for Matriculation (London) begins. Cambridge Lent Term begins.	23	M	
			24	Tu	
			25	W	
10	Tu	Final Exam. Conjoint Board (Medicine) begins.	26	Th	
			27	F	
11	W		28	S	
12	Th	Final Exam. Conjoint Board (Midwifery) begins.			
13	F	Final Exam. Conjoint Board (Surgery) begins.			
14	S	Oxford Lent Term begins.	29	S	*Fourth Sunday after Epiphany.*
			30	M	
15	S	*Second Sunday after Epiphany.*	31	Tu	

FEBRUARY 1905.

1	W		15	W	
2	TH		16	TH	
3	F		17	F	
4	S		18	S	
5	S	*Fifth Sunday after Epiphany.*	19	S	*Septuagesima.*
6	M		20	M	
7	TU		21	TU	
8	W		22	W	
9	TH		23	TH	
10	F		24	F	
11	S		25	S	
12	S	*Sixth Sunday after Epiphany.*	26	S	*Sexagesima.*
13	M		27	M	
14	TU		28	TU	

MARCH 1905.

1	W	HICHENS PRIZE. *See* p. 25.	19	S	*Second Sunday in Lent.*
2	TH		20	M	KIRKES SCHOLARSHIP AND GOLD MEDAL. HARVEY PRIZE. JUNIOR PRACTICAL ANATOMY.
3	F				
4	S				
			21	TU	SENIOR PRACTICAL ANATOMY.
5	S	*Quinquagesima.*	22	W	SENIOR SCHOLARSHIP, JUNIOR SCHOLARSHIPS.
6	M				
7	TU	*Shrove Tuesday.*	23	TH	
8	W	*Ash Wednesday.*	24	F	Cambridge Lent Term ends.
9	TH		25	S	
10	F				
11	S				
			26	S	*Third Sunday in Lent.*
			27	M	Essays for the WIX AND BENTLEY PRIZES to be sent in.
12	S	*First Sunaay in Lent.*			
13	M		28	TU	1st Exam. Conjoint Board begins.
14	TU				
15	W		29	W	
16	TH		30	TH	Winter Session ends. 2nd Exam. Conjoint Board begins.
17	F				
18	S		31	F	

APRIL 1905.

1	S		17	M	Summer Session begins. Cambridge Easter Term begins.
2	S	*Fourth Sunday in Lent.*			
3	M	Oxford Lent Term ends.	18	Tu	
4	Tu	Final Exam. Conjoint Board (Medicine) begins.	19	W	
			20	Th	
5	W		21	F	
6	Th	Final Exam. Conjoint Board (Midwifery) begins.	22	S	
7	F	Final Exam. Conjoint Board (Surgery) begins.	23	S	*Easter Sunday.*
			24	M	
8	S				
			25	Tu	
9	S	*Fifth Sunday in Lent.*			
10	M				
11	Tu		26	W	
12	W		27	Th	
13	Th		28	F	
14	F	Oxford Easter Term begins.	29	S	
15	S	Harvey: First Lecture, 1616.			
			30	S	*First Sunday after Easter.*
16	S	*Sunday before Easter.*			

MAY 1905.

1	M	Exam. for M.B., B.S. (London) begins.	17	W	
			18	Th	Ascension Day.
2	Tu	Part II. of 3rd Exam. for M.B. (Camb.) begins.	19	F	Final F.R.C.S. Exam. begins.
			20	S	
3	W				
4	Th	Primary F.R.C.S. Exam. begins.			
5	F		21	S	*Fourth Sunday after Easter.*
6	S		22	M	
			23	Tu	
7	S	*Second Sunday after Easter.*	24	W	
8	M		25	Th	
9	Tu		26	F	Oxford Easter Term ends. Exam. for Matthews Duncan Medal.
10	W				
11	Th				
12	F		27	S	
13	S				
14	S	*Third Sunday after Easter.*	28	S	*Fifth Sunday after Easter.*
15	M	Examination for Lawrence Scholarship begins.	29	M	
			30	Tu	
16	Tu		31	W	

JUNE 1905.

1	Th	*Ascension.*	14	W	
2	F		15	Th	
3	S		16	F	
			17	S	
4	S	*Sunday after Ascension.*			
5	M	Exam. for Brackenbury Medical Sch. begins.	18	S	*Trinity Sunaay.*
			19	M	
6	Tu	Exam. for Brackenbury Surgical Scholarship begins. *See* p. 25.	20	Tu	
			21	W	
			22	Th	1st and 2nd Exams. for M.B. (Oxford) begin.
7	W				
8	Th		23	F	
9	F	Sir G. Burrows Prize. Skynner Prize.	24	S	Cambridge Easter Term ends. Midsummer Day.
10	S				
			25	S	*First Sunday after Trinity.*
11	S	*Whit Sunday.*	26	M	
12	M	Exam. for Matriculation (London) begins. 1st, 2nd, and 3rd (Part I) Exams. for M.B. (Camb.) begin.	27	Tu	
			28	W	
			29	Th	2nd Exam. Conjoint Board begins.
13	Tu		30	F	

JULY 1905.

1	S		16	S	*Fourth Sunday after Trinity.*
			17	M	
2	S	*Second Sunday after Trinity.*	18	Tu	
3	M	Int. M.B. Exam. (London) begins. M.D. and M.S. Exams. (London) begin. Shuter Scholarship. Oxford Trinity Term ends.	19	W	
			20	Th	
			21	F	
			22	S	
4	Tu	Final Exam. Conjoint Board (Medicine) begins.			
5	W				
6	Th	Final Exam. Conjoint Board (Midwifery) begins.	23	S	*Fifth Sunday after Trinity.*
			24	M	
7	F	Final Exam. Conjoint Board (Surgery) begins.	25	Tu	1st. Exam. Conjoint Board begins.
8	S		26	W	
			27	Th	
9	S	*Third Sunday after Trinity.*	28	F	
10	M	Prel. Scientific (London) Exams. begins.	29	S	
11	Tu	Junior Scholarship. Exam.			
12	W				
13	Th				
14	F		30	S	*Sixth Sunday after Trinity.*
15	S	**Summer Session ends.**	31	M	

AUGUST 1905.

1	Tu		17	Th	
2	W		18	F	
3	Th		19	S	
4	F				
5	S				
			20	S	*Ninth Sunday after Trinity.*
			21	M	
6	S	*Seventh Sunday after Trinity.*	22	Tu	
7	M		23	W	
8	Tu		24	Th	St. Bartholomew.
9	W		25	F	
10	Th		26	S	
11	F				
12	S				
			27	S	*Tenth Sunday after Trinity.*
			28	M	
13	S	*Eighth Sunday after Trinity.*			
14	M		29	Tu	
15	Tu		30	W	
16	W		31	Th	

SEPTEMBER 1905.

1	F		16	S	
2	S				
			17	S	*Thirteenth Sun. after Trinity.*
			18	M	
3	S	*Eleventh Sunday after Trinity.*	19	Tu	
4	M		20	W	
5	Tu		21	Th	
6	W		22	F	
7	Th		23	S	
8	F				
9	S		24	S	*Fourteenth Sun. after Trinity.*
			25	M	Exam. for Entrance Scholarships begins.
10	S	*Twelfth Sunday after Trinity.*			
11	M	Exam. for Matriculation (London) begins.	26	Tu	1st Exam. Conjoint Board begins.
12	Tu		27	W	
13	W		28	Th	Michaelmas Day.
14	Th		29	F	
15	F		30	S	

ST. BARTHOLOMEW'S HOSPITAL AND COLLEGE.

SAINT BARTHOLOMEW'S HOSPITAL was founded in its present position in the year 1123,* in fulfilment of a vow made in Rome during illness by Rahere, a Canon Regular of St. Austin, who also founded the Priory of St. Bartholomew. With the aid of Richard de Belmeis, Bishop of London, he obtained a grant of the land on which the hospital stands from King Henry I. In 1139 John Bocointe, William FitzSabelline, and Hersent, wife of Geoffrey of St. Loy, gave adjoining pieces of land; and other additions were made during the twelfth century and some at later periods, the last being the purchase of an acre and a half of the land of Christ's Hospital, on which new out-patient rooms, special departments, and quarters for the resident staff are in course of erection.

The corporate body of the hospital and the staff for attendance upon the patients were for many centuries identical, and consisted of a master, eight brethren, and four sisters. They were subject to the rule of St. Austin. The master when elected was presented to the Prior of St. Bartholomew's in Smithfield, or if he refused institution to the Bishop of London; and the assent of the Prior and Canons was required before any one could become a member of the Hospital Society. From the beginning St. Bartholomew's was a hospital for the sick, and not a mere almshouse, and this is distinctly expressed in a grant of privileges to it by Edward III., which thus states the uses of the Hospital: 'Ad omnes pauperes infirmos ad idem hospitale confluentes quousque de infirmitatibus suis convaluerint, ac mulieres prægnantes quousque de puerperio surrexerint, necnon ad omnes pueros de eisdem mulieribus genitos, usque septennium, si dictæ mulieres intra hospitale prædictum decesserint.'

Among its early benefactors were Thomas of London, Archbishop of Canterbury; Henry FitzAilwin, the first Mayor of London; William Longespée, one of the witnesses of Magna Charta; King Henry III.; King Edward I.; and King Edward II.

The relations of the Hospital and Priory were examined, and the privileges of the Hospital confirmed by Pope Lucius III. in 1183; by

* The date 1102, which is given as that of the foundation in two modern inscriptions upon the hospital walls, is erroneous, and originated in an error of transcription, which occurs in a fifteenth-century copy of a life of Rahere written in the twelfth century.

Richard de Ely, Bishop of London, in 1198; by Eustace de Fauconberg, Bishop of London, on July 1, 1224; and by Simon of Sudbury, Bishop of London, on May 1, 1373; and the two foundations were finally separated on the dissolution of the Priory in 1537. The Hospital and its revenues came into the possession of Henry VIII., who, in 1544, at the petition of Sir Richard Gresham, Lord Mayor of London, and father of Sir Thomas Gresham, refounded it by Royal Charter, and in 1547 granted it a fresh Charter, which gave back to the foundation the greater portion of its former revenues; 'considering the miserable estate of the poore, aged, sick, low, and impotent people, as well men as women, lying and going about begging in the common streets of the said City of London and the suburbs of the same, to the great paine and sorrowe of the same poore, aged, sick, and impotent people, and to the great infection, hurt, and annoyance of His Grace's loving subjects, which of necessity must daily goe and pass by the same poore, sick, low, and impotent people, being infected with divers great and horrible sicknesses and diseases.'

At the granting of Henry VIII.'s Charter, St. Bartholomew's Hospital contained 100 beds, and since that time its accommodation for in-patients has increased to seven times its original extent, while the whole out-patient department has been added, which extends the benefits of the foundation to about 150,000 patients every year.

The earliest medical book due to St. Bartholomew's Hospital was written by John Mirfield, one of the Canons of the Priory, in the latter half of the fourteenth century. It is called 'Breviarium Bartholomei,' and is a general treatise on medicine based in part upon observations made in the Hospital.

For some years after the granting of the Charter of 1547, Thomas Vicary, serjeant-surgeon to Henry VIII., Edward VI., Mary, and Elizabeth, took an active part in the superintendence of the Hospital. Soon after the second foundation the staff consisted of a physician and three surgeons. The first physician was Dr. Roderigo Lopus, and the three first surgeons were William Cartar, George Bailey, and Thomas Vaughan.

Harvey, the discoverer of the circulation of the blood, was appointed physician to the Hospital October 14, 1609, and held this office for thirty-four years. The principles as to the kind of cases which ought to be admitted, and the length of time which cases should remain under treatment in the wards, are stated in some rules which he drew up at the request of the Governors, and are followed to this day.

Although the actual commencement of a Medical School is not recorded, it appears that in 1662 students were in the habit of attending the medical and surgical practice of the Hospital; and their studies were assisted by the formation, five years afterwards, of a Library 'for the use of the Governors and young University scholars.'

The earliest record of the School of St. Bartholomew's dates, therefore, from 1662, from which time, encouraged by the Governors of the Hospital —among whom, at the beginning of the eighteenth century, were Drs.

Radcliffe and Mead—it continued to grow so that in 1726 accommodation was provided for a Museum of Anatomical and Chirurgical Preparations, which was placed under the charge of John Freke, then assistant-surgeon to the Hospital, and previously serjeant-surgeon to Queen Anne; and in 1734 leave was granted for any of the surgeons or assistant-surgeons 'to read Lectures in Anatomy in the dissecting-room of the Hospital.'

The first surgeon who availed himself of this permission was Edward Nourse, whose courses consisted, as appears from his Syllabus, addressed 'Studiosis Chirurgiæ in S^{ti} Bartholomæi Nosocomio,' of twenty-three lectures each. These anatomical lectures, delivered for many years in or near the Hospital, were followed in 1765, and for many years after, by courses of Lectures on Surgery from his former pupil and prosector, Percivall Pott, who had been some years surgeon to the Hospital, and among whose pupils was John Hunter. About the same time Dr. William Pitcairn, and subsequently Dr. David Pitcairn, who were successively physicians to the Hospital, delivered lectures, probably occasional ones, on Medicine. It was in one of these courses that Dr. David Pitcairn pointed out the relation between cardiac disease and acute rheumatism, till then unobserved.

Further additions to the course of instruction were made by John Abernethy, who was elected assistant-surgeon in 1787. In conjunction with his colleagues, Drs. William and David Pitcairn, he established the principal lectures of the present day, himself lecturing on Anatomy, Physiology, and Surgery, in the Theatre erected for him by the Governors in 1791; and his high reputation attracted so great a body of students—amongst whom were Benjamin Brodie and William Lawrence and the poet Shelley—that it was found necessary, in 1822, to erect a new and larger Anatomical Theatre. In the same period Dr. William Austin, Physician to the Hospital, delivered the first course of Lectures on Chemistry.

The progress of science and the extension of medical education have led to the institution of additional lectureships on subjects related to Medicine, and of courses of instruction in special branches of Medicine and Surgery. In 1835 and 1854 the Anatomical Museum was considerably enlarged; new Medical and Chemical Theatres and Museums of Materia Medica and Botany were built; and the Library was enlarged, while fresh Dissecting Rooms were built in 1865.

In 1866 a New Laboratory for the Study of Practical Chemistry was provided for the Chemical Class, and in the year 1870 a second extensive Laboratory was built, with a Room specially constructed for the teaching of Mechanical and Natural Philosophy. New wards for patients with Diseases of the Eye were completed in the same year. In 1877 an Anatomical Theatre was fitted up and the Dissecting Rooms enlarged.

In 1876, the increase in the number of students having continued to so great an extent as to render the then existing accommodation insufficient, the Governors decided upon removing the old buildings and

replacing them upon an enlarged area, so as to more than double the previous accommodation. This design was completed in 1881, at a cost of £50,000, and the dissecting-room, library, museum, and theatres were rebuilt.

In 1890 a special Laboratory for Bacteriology was constructed.

During the year 1891 new Laboratories for Public Health and Special Pathology of Preventible Diseases and for Biology were built, and in 1899 considerable additions were made to the appliances of the Laboratories for Physiology and Physics.

In 1843 the Governors founded a College, to afford the Pupils the moral advantages, together with the convenience, of a residence within the walls of the Hospital. The College has since been enlarged to nearly twice its original extent. Its site was part of the gift to the Hospital of John Bocointe, William FitzSabelline, and Hersent, wife of Geoffrey of St. Loy, in 1139.

The Hospital had formerly four Chapels—St. Catharine, near the north corner of the Smithfield front; St. Nicholas and St. Andrew on the south side, near the Out-Patient Room; and The Holy Cross, near the Smithfield Gate. The last is now known as the Church of St. Bartholomew-the-Less. The Hospital is itself a Parish.

A complete Convalescent Hospital at Swanley in Kent forms an important part of St. Bartholomew's Hospital. It accommodates 70 patients. It was formally opened by his Royal Highness the President, now His Majesty King Edward VII., on July 13, 1885, and is called after its founder, Mr. Kettlewell.

In 1877 an Institution was opened for the Training of Nurses in connection with the Hospital. The Nurses receive instruction by Lectures from members of the staff appointed to that office, and receive certificates after a course of training extending over three years, including two examinations.

In 1882 a series of rooms were fitted up for the therapeutic use of electricity, to which has since been added appliances for X-ray work.

The clinical Practice of the Hospital now comprises a service of 744 beds; of these 231 are allotted to the Medical Cases, 335 to the Surgical Cases, 25 to Diseases of the Eye, 32 to the Diseases of Women, and 51 to general and isolation cases; while 70 are at the Convalescent Hospital at Swanley. Children are admitted into both the Medical and Surgical Wards, those under 5 years of age being received into the female wards.

During the year 1903, the number of In-Patients under treatment was 7264, and of Out-Patients 137,305. The Out-Patient and Casualty Practice of the Hospital included 73,855 Medical Cases, 47,967 Surgical Cases, 1192 Gynæcological, 3806 Ophthalmic, 1294 Dental, 1018 Diseases of the Ear, 1095 Diseases of the Skin, 1287 Diseases of the Throat and Larynx, 639 Orthopædic Cases, 1614 cases treated in the Electrical Department, and 1538 Midwifery Cases attended at their homes.

SUGGESTIONS TO STUDENTS ABOUT TO ENTER THE MEDICAL PROFESSION.

PRELIMINARY EXAMINATIONS AND REGISTRATION.

ALL Medical Students should, if eligible,* be registered by the General Medical Council.

Before registration, the intending Student must :—

(1) Have passed a Preliminary Examination in Arts recognised by the General Medical Council;

(2) Have commenced medical study at a Medical School or in a recognised Scientific Institution.

It is best for a Student to pass the Preliminary Examination in Arts at the earliest possible date, because the necessary five years of professional study will not begin to count until such Examination is passed.

I. PRELIMINARY EXAMINATION.

The Preliminary Examination must include the following subjects:—

(*a*) *English.*
(*b*) *Latin.*
(*c*) *Mathematics.*
(*d*) *One Optional* Subject: (1) Greek, or (2) French, or (3) German, or (4) any other modern language.

The Student, unless he is going to one of the older Universities—*e.g.*, Oxford or Cambridge—should pass one of the following examinations :—

(*a*) UNIVERSITY OF LONDON :—
Matriculation.

Since the School of St. Bartholomew's Hospital is now a school of the University of London, it is advisable to direct attention to recent changes in the Matriculation Examination which, by giving a wider choice of subjects, have placed this examination within the reach of any well-educated student without further preparation than he can obtain in a good school.

(*b*) UNIVERSITY OF OXFORD :—
Junior Local Examinations (Certificate to be endorsed as fulfilling the Council's requirements).

(*c*) UNIVERSITY OF CAMBRIDGE :—
Junior Local Examinations (Certificate to be endorsed as fulfilling the Council's requirements).

(*d*) COLLEGE OF PRECEPTORS :—
1. Examination for a First Class Certificate (the required subjects to be passed at one or not more than two Examinations).
2. Preliminary Examination for Medical Students (the required subjects to be passed at one time).

---

* Registration at the General Medical Council is not required by the Royal College of Physicians of London, the Royal College of Surgeons of England, the Royal College of Physicians of Ireland, the Universities of London, of Oxford, and of Cambridge, but it is often so convenient a form of attestation that students are recommended to register there after entering at a medical school.

(*e*) Or some other Examination recognised by the Universities, the Licensing Bodies, or the General Medical Council.

Before passing his Preliminary Examination and beginning Medical study, the Student should carefully consider what qualifications he will seek to obtain, and for the Student's guidance in this matter the following list of Degrees and Diplomas obtainable in London is given :

THE UNIVERSITY OF LONDON grants the degrees of:—

Bachelor of Medicine	M.B.
Bachelor of Surgery	B.S.
Doctor of Medicine	M.D.
Master in Surgery	M.S.

THE CONJOINT BOARD OF THE ROYAL COLLEGES OF PHYSICIANS AND SURGEONS grants the diplomas of:

Licentiate of the Royal College of Physicians .	L.R.C.P.
Member of the Royal College of Surgeons .	M.R.C.S.

THE SOCIETY OF APOTHECARIES grants the diploma of:

Licentiate of the Society of Apothecaries .	L.S.A.

The minimum period of study for any of these diplomas or degrees is *five years.*

The Royal College of Physicians also grants the diploma of M.R.C.P., and the Royal College of Surgeons that of F.R.C.S.

Of these Examinations the Student is recommended to pass the Matriculation of the University of London, because he can then proceed to the degree of M.B. and M.D. in the University as well as to the M.R.C.S. and L.R.C.P. or L.S.A.

For information regarding the *Hospital Medical School* Curriculum, with respect to the Regulations of the above or other Examining Boards, or in regard to registration, application should be made to—

The Warden of the College,
ST. BARTHOLOMEW'S HOSPITAL,
Smithfield, London, E.C.

ENTRANCE TO THE MEDICAL SCHOOL.

A Student intending to study at St. Bartholomew's can "enter" at any time, but the most favourable times are at the beginning of the recognised Medical Sessions, April and October.

In order to "enter" at St. Bartholomew's, it is necessary for the Student to call upon the Warden of the College, bringing with him the certificate of having passed a recognised Preliminary Examination, and a certificate of birth. He can then pay the entrance fee and sign the Register of Students, promising to conform to the Rules and Regulations of the Hospital and Medical School, and receive the certificate of having commenced Medical study, necessary for Registration.

A Student who has passed a Preliminary Examination several months before the beginning of a regular Hospital Session, and is anxious to begin counting time, is advised to enter at once, to register, and to occupy his time in the study of Chemistry and Physics, or Anatomy and Biology, preparatory to the commencement of the work of the next session.

SUGGESTIONS IN REGARD TO THE COURSE OF MEDICAL STUDY.

A. COURSE OF STUDY FOR THE CONJOINT DIPLOMA OF L.R.C.P. AND M.R.C.S.

In the case of A STUDENT WHO ENTERS IN OCTOBER, the following course of study is advised:

FIRST WINTER SESSION.

Lectures on Anatomy	Practical Anatomy (Dissections).
Lectures on Biology	Practical Biology.
Lectures on Chemistry	Practical Chemistry.
Lectures on Physics (October to Christmas).	

FIRST SUMMER SESSION.

Lectures on Chemistry	Practical Chemistry.
Lectures on Physiology	Practical Physiology.
Lectures on Materia Medica and Practical Pharmacy.	Demonstrations on Materia Medica.

Pass Part III. (Biology in March),* Part I. (Chemistry), and Part II. (Physics) of the First Examination of the Conjoint Board in July. Pass Part IV. (Pharmacy) if possible.

SECOND WINTER SESSION.

Lectures on Anatomy	Practical Anatomy.
Lectures on Physiology	Practical Physiology.

SECOND SUMMER SESSION.

Lectures on Materia Medica and Pharmacology	Demonstrations on Materia Medica and Practical Pharmacology.
Preparatory Classes for Clerks in Case-taking and in Auscultation and Percussion	Preparatory Classes for Dressers.

Pass the Second Examination (Anatomy and Physiology) of the Conjoint Board.
Pass Part IV. (Pharmacy) if not previously passed.

N.B.—The Third Conjoint Examination cannot be passed until two years after passing the Second Examination; hence it is important for a Student to pass the Second Examination at the earliest possible date, and to register his name with the School Registrar for the several Clinical appointments.

THIRD WINTER SESSION.

Lectures on Medicine	Medical Clerking (three months).
Lectures on Surgery	Surgical Dressing (six months).
Lectures on Pathology	Demonstrations on Pathology.
	Post Mortem Demonstrations.
	Microscopic Pathology.
Clinical Lectures	

THIRD SUMMER SESSION.

Lectures on Midwifery	Classes on Practical Midwifery.
Lectures on Pharmacology and Therapeutics	Surgical Dressing or Medical Clerking (completed).
Lectures on Forensic Medicine	Clerking or Dressing in Out-Patient Department.
Clinical Lectures	

FOURTH WINTER SESSION.

Lectures on Medicine	
Lectures on Pathology	
Demonstrations on Practical Medicine	Hospital Practice.
Demonstrations on Practical Surgery	Clerking or Dressing in Special Departments (three months each).
	Attendance on Labours
Demonstrations on Surgical Pathology	Pathological Dresser (three months).
Clinical Lectures	Microscopic Pathology.
	Vaccination.

FOURTH SUMMER SESSION.

Lectures on Insanity	Hospital Practice.
Lectures on Pathology	
Lectures on Public Health	Tutorial Classes on Midwifery.
Lectures on Ophthalmic Surgery	Museum Work.
Clinical Lectures	

Pass Midwifery part of Third or Final Examination.

* As a rule it is more convenient for a Student to take up the work for the Pharmacy part of the First Examination of the Conjoint Board in his Second Summer Session.

FIFTH WINTER SESSION.

Lectures on Medicine	Hospital Practice.
Lectures on Surgery	Dresser in Ophthalmic Wards, Throat, Ear, or Orthopædic Departments if not already finished.
Clinical Lectures	Attendance at a Fever Hospital Attendance at a Lunatic Asylum. Operative Surgery.

FIFTH SUMMER SESSION.

Clinical Lectures	Hospital Practice.
Lectures on Special Subjects	Tutorial Classes in Medicine. Tutorial Classes in Surgery.

Pass Third or Final Examination in Medicine and Surgery, taken together or separately.

STUDENTS WHO ENTER IN APRIL.

A Student who has passed a Preliminary Examination in Arts early in the year is advised to enter in April, and special arrangements have been made at St. Bartholomew's so that he can pursue his studies as follows :

FIRST SUMMER SESSION.

Lectures on Chemistry	Practical Chemistry.
Lectures on Materia Medica and Physics	Practical Pharmacy.

Pass the Conjoint Examinations in these Subjects in July (if sufficiently prepared).

From the above it will be seen that Students who enter in April have the advantage of studying Chemistry and Physics, and passing the examination in these subjects (if sufficiently prepared) before commencing the study of Biology and Anatomy. They can also compete for the Entrance Scholarships in the following September.

FIRST WINTER SESSION.

Lectures on Anatomy	Practical Anatomy.
Lectures on Biology	Practical Biology.
Lectures on Physics.	
Lectures on Chemistry	Practical Chemistry (if not already passed).

Pass the Conjoint Examinations in Biology, Chemistry, and Physics in March.

SECOND SUMMER SESSION.

	Practical Anatomy.
Lectures and Demonstrations on Pharmacology.	
Lectures on Physiology	Practical Physiology.

Pass Chemistry and Physics, Biology, or Pharmacy if not already passed.

SECOND WINTER SESSION.

During this Session the Student can then attend the Lectures and Classes in Anatomy and Physiology and proceed as though he had entered in October.

B. COURSE OF STUDY FOR THE DEGREES OF THE UNIVERSITY OF LONDON.

In the case of students seeking Degrees in the University of London, the course of study is somewhat different. By the regulations of the University, time spent in attendance on Anatomy and Physiology is not recognised until the Preliminary Scientific Examination has been passed. The Student should therefore devote the whole of his time to the preparation for the Preliminary Scientific Examination before beginning Anatomy and Physiology. Generally, one academical year which, however, counts as one year of the five years' curriculum, is necessary for this purpose, and the Student should join the special classes for this Examination (*see* p. 64). Students having taken this course are still eligible to compete for the Entrance Scholarships and to become full students of the hospital. They then take the advanced classes in Anatomy and Physiology and attend in the Dissecting Room and Physiological Laboratory until they have become eligible for Clinical appointments by passing their intermediate examination.

C. COURSE OF STUDY FOR THE DEGREES OF THE UNIVERSITIES OF OXFORD AND CAMBRIDGE.

Students who have taken part of the Medical Course at Oxford and Cambridge enter the hospital immediately after completing their Anatomical and Physiological Examinations (1st M. B. Oxon., or 2nd M. B. Cantab.), and special arrangements are made by which Students can hold the necessary appointments of Surgical Dresser or Medical Ward Clerk immediately after their entrance. Special Classes in Pharmacology and Pathology are held during May, June, July, and October, November, and December. Students from Oxford and Cambridge who have not yet completed their Anatomical and Physiological studies are advised to take the advanced classes in Anatomy and Physiology and attend in the Dissecting Room and Physiological Laboratory until they become eligible for Clinical appointments by passing their intermediate examinations.

For Time Table of Lectures and Demonstrations see pages 69 and 70.

SCHOLARSHIPS, EXHIBITIONS, AND FOUNDATION PRIZES.

OPEN TO COMPETITION BEFORE ENTRANCE.

1 and 2. SCIENCE: In not more than three nor fewer than two of the following: Chemistry, Physics, Zoology, Botany, Physiology, Anatomy.

Two Scholarships, value £75 each.

Examiners: Lecturers on the subjects named.

Conditions: Candidates must be under 25 years of age, and must not have entered to the Medical or Surgical Practice of any London Medical School. The successful Candidates will be required to enter to the full course at St. Bartholomew's Hospital in the October succeeding the Examination, or as University Students if they have passed an Examination completing their anatomical and physiological studies at a University of the United Kingdom.

Founders: The School.

3. SCIENCE: In not fewer than three of the following: Chemistry, Physics, Botany, Zoology, Physiology.

Value, £150.

Examiners: Lecturers on the subjects named.

Conditions: Candidates must be under 21 years of age, and must not have entered to the Medical or Surgical Practice of any London Medical School. The successful Candidate will be required to enter to the full course of St. Bartholomew's Hospital in the October succeeding the Examination.

Founders: The School.

General Education

4. PRELIMINARY SCIENTIFIC EXHIBITION: Value £50—will be given for the second best examination in the same subjects and under the same conditions as 3.

5. JEAFFRESON EXHIBITION: In Latin, Elementary Mathematics, and Greek, or French or German. The examination in these subjects will be similar to that adopted at the London University Matriculation Examination. Value, about £20.

Examiners: Dr. Ormerod (late Fellow of Jesus College, Oxford), in Greek; Dr. Herringham (of Keble College, Oxford), in Latin and French; Dr. Garrod, in German; F. Womack, B.Sc., M.B. Lond., in Mathematics.

Conditions: Candidates must not have entered to the Medical or Surgical Practice of any London Medical School. The successful candidate will be required to enter to the full course at St. Bartholomew's Hospital in the October succeeding the Examination, or to the Preliminary Scientific class and as a full student afterwards.

Founders: Friends of the late Dr. Jeaffreson, Physician to St. Bartholomew's Hospital (1854–67).

The examination for the above Scholarships (1, 2, 3, 4, 5) *begins in* 1904 *on September* 19*th, and in* 1905 *on September* 25*th.*

6 SHUTER SCHOLARSHIP: In Anatomy and Physiology. As scheduled for the Cambridge Second M.B. Examination. Value, £50. Elementary medical subjects.

Examiners: Lecturers on Anatomy and Physiology.

Conditions: Candidates must be Graduates in Arts of the University of Cambridge who have not graduated in Medicine or Surgery. The successful candidate will be required to enter to the full course, or as a University Student, at St. Bartholomew's Hospital.

Founder: The sister of the late James Shuter, M.B., LL.B., of Corpus Christi College, Cambridge, Assistant Surgeon to the Hospital in 1886.

Date of Examination in 1905, *July* 3 *and* 4.

OPEN TO COMPETITION AFTER ENTRANCE.

7. JUNIOR SCHOLARSHIP: In Anatomy and Biology. Elementary medical subjects.

Value, £30.

Examiners: Lecturers in Anatomy and Biology.

Conditions: Candidates for the above must be Students, not previously entered at any Metropolitan Medical School, who have *completed* not more than one Winter and one Summer Session at this Hospital, or at any other Medical School.

Founders: The School.

8. JUNIOR SCHOLARSHIP: In Anatomy and Biology.

Value, £20.

Examiners: Lecturers in Anatomy and Biology.

Conditions: As for No. 7.

Founders: The School.

9. JUNIOR SCHOLARSHIP: In Chemistry, Physics, and Histology.

Value, £25.

Examiners: Lecturers on Chemistry, Physiology, and Physics.

Conditions: As for No. 7. The Examination in Chemistry and Histology will be both written and practical.

Founders: The School.

10. JUNIOR SCHOLARSHIP: In Chemistry, Physics, and Histology.

Value, £15.

Examiners: Lecturers on Chemistry, Physiology, and Physics.

Conditions: As for Nos. 7 and 9.

Founders: The School.

11. TREASURER'S PRIZE: In Practical Anatomy.

Value, £5.

Examiners: The Lecturers on Anatomy.

Conditions: Candidates must not have completed more than one Winter Session at St. Bartholomew's Hospital.

Donor: The Treasurer of the Hospital.

Second year Elementary medical subjects.

12. SENIOR SCHOLARSHIP: In Anatomy, Physiology, and Chemistry
Value, £50.
Examiners: Lecturers on Anatomy, Physiology, and Chemistry.
Conditions: Candidates must be Students who have been studying in this Hospital and School for not less than twelve months, nor more than three years—who are not of sufficient standing to obtain any English Diploma qualifying for Practice—who have entered to the Medical and Surgical Practice of the Hospital—who have attended, for at least one Session, the Course or Courses of Lectures delivered in this College, on the subjects of examination for the Scholarship to be competed for—and who can produce a Testimonial, signed by at least three Medical Officers or Lecturers, that they have conducted themselves with propriety during their attendance in the School.
A Student elected to the Senior Scholarship will be required to continue his Studies at this Hospital during the whole period in which he holds the Scholarship.
Founders: The School.

13. FOSTER PRIZE: In Practical Anatomy.
Value, about £5.
Examiners: The Lecturers on Anatomy.
Conditions: Candidates to be Students who at end of their Second Winter Session have not completed more Winter Sessions than two at St. Bartholomew's Hospital.
Founder: George Holgate Foster, Esq., a Governor of St. Bartholomew's Hospital in 1852.

14. HARVEY PRIZE: In Practical Physiology.
Value, about £6 6s.
Examiners: Lecturer on Physiology, Demonstrators of Physiology, and Lecturer on Chemistry.
Conditions: Candidates to be Students who at end of their second year have not completed more than two Winter Sessions at St. Bartholomew's Hospital.
Founders: The School (in 1880), in memory of Dr. William Harvey, Physician to the Hospital, the discoverer of the circulation of the blood.

General learning.

15. WIX PRIZE:
Value, about £5.
Examiners: The Senior Physician and Senior Surgeon, and the Hospitaller.
Conditions: Candidates must be Students of not less than one nor more than three years' standing in the School, who have not received any Licence or Diploma qualifying them for practice. Subject 1905, Life of Ambroise Pare.
Essays must be presented to the Warden of the College on or before March 31, 1905.
Each Essay is to be distinguished by a motto, which is to be written also on the outside of a sealed envelope, within which is the author's name.
Founder: The late Rev. Samuel Wix, Hospitaller, in 1842.

16. HICHENS PRIZE: In Butler's "Analogy."
Value, about £6.
Examiners: The Hospitaller and the Warden.
Conditions: As for the Wix Prize.
Founder: The late Robert Hichens, Esq., a Governor of St. Bartholomew's Hospital, in 1851.

17. KIRKES SCHOLARSHIP AND GOLD MEDAL: In Clinical Medicine. Third year or later: Medicine.
Value, about £30 and medal.
Examiners: Two of the Physicians to the Hospital.
Conditions: Full Students of the Hospital, who have not completed more than three years after passing an Examination completing their Anatomical and Physiological studies, are eligible.
Founders (1864–85): The widow and friends of the late Dr. Kirkes, Physician to the Hospital, elected Jan. 27, and died Dec. 1864.

18. BENTLEY PRIZE: Medical and surgical, in alternate years. If surgical, for Reports of Cases in the Surgical Wards. If medical, for Reports of Cases illustrative of the clinical features, pathology and treatment of a subject chosen by the Examiners, accompanied by comments. 1905: "Medical Cases." 1906: "Surgical Cases." Medicine or Surgery.
Value, about £5 5s.
Examiners: The five Physicians or five Surgeons.
Conditions: As for the Kirkes Scholarship.
Founder (in 1842): The late Mr. James Bentley, Treasurer of the Hospital.

19. BRACKENBURY SCHOLARSHIP: In Medicine. Medicine.
Value, about £39.
Examiners: Two of the Physicians and the Lecturer on Pathology.
Conditions: Full Students of the Hospital, who have not completed more than four years after passing an Examination completing their Anatomical and Physiological studies, are eligible. The Examination will be both written and clinical, and will include a paper and practical work in Pathology.
Founder (in 1873): Miss Hannah Brackenbury.

20. BRACKENBURY SCHOLARSHIP: In Surgery. Surgery.
Value, about £39.
Examiners: Two of the Surgeons, the Demonstrators of Operative Surgery, and the Demonstrator of Morbid Anatomy (Surgical).
Conditions: as for 19.
Founder (in 1873) Miss Hannah Brackenbury.
Candidates for the office of House Physician or House Surgeon are advised to compete for the Brackenbury Scholarships.

21. MATTHEWS DUNCAN GOLD MEDAL AND TWO PRIZES: In Obstetric Medicine. Midwifery.
Value (including the medal), about £20.
Examiners: The Physician-Accoucheur and the Assistant-Physician Accoucheur.
Conditions: As for the Brackenbury Scholarships.
Founders: By Subscription, in memory of Dr. Matthews Duncan, Physician-Accoucheur to the Hospital, 1877–1898.

Medicine, Surgery, and Midwifery.

22. LAWRENCE SCHOLARSHIP AND GOLD MEDAL.
Value, about £45 and a Medal.
Examiners: Lecturers on Surgery, Lecturers on Medicine, and Lecturer on Midwifery.
Conditions: Candidates may compete after the end of their third Winter Session, and not later than five years after passing an Examination completing their Anatomical and Physiological studies. The Examination will be *viva voce* and by written Papers.
Founders (in 1873): The children of the late Sir William Lawrence, Bart., Surgeon to the Hospital, 1824–1865.

Pathology.

23. SIR GEORGE BURROWS PRIZE: In Pathology.
Value, about £10.
Examiners: Lecturer on Pathology, Demonstrators of Morbid Anatomy (Medical and Surgical).
Conditions: Candidates to have been post-mortem clerks and clinical clerks or dressers, and to be of the same standing as for the Brackenbury Scholarships.
Founder (in 1888): Sir F. A. Burrows, Bart., in memory of his father, Sir George Burrows, Bart., Physician to the Hospital, 1841–1864.

Regional and Morbid Anatomy.

24. SKYNNER PRIZE: In Regional and Morbid Anatomy, including their reference to Scarlet Fever and Rheumatic Fever.
Value, about £13 13*s*.
Examiners: The Senior Physician and Lecturer on Pathology.
Conditions: As for the Brackenbury Scholarships.
Founder: J. Skynner, Esq., in memory of his brother, R. C. Skynner, Esq., a former student.

Operative Surgery.

25. WILLETT MEDAL: In Operative Surgery.
Value, £3 3*s*.
Examiners: Demonstrators of Operative Surgery.
Conditions: As for the Brackenbury Scholarships.
Founders: Subscribers to Alfred Willett Testimonial Fund.

Surgical Pathology.

26. WALSHAM PRIZE: In Surgical Pathology.
Value, about £7 7*s*.
Examiners: Lecturer on Pathology and Demonstrator of Morbid Anatomy (Surgical).
Conditions: As for the Brackenbury Scholarships.
Founder: Mrs. Jeannetta Tuck, in memory of W. J. Walsham, Surgeon to the Hospital, 1898–1903.

These Scholarships (7 to 26), with the exception of 15 and 16, are open only to Candidates who have completed a course of instruction in the subjects of the respective examinations at St. Bartholomew's Hospital Medical School. No Candidate may obtain the same Scholarship or prize on more than one occasion.

In case of doubt as to standing for any of the above, application is to be made by letter to the Warden of the College, and the point will be decided by the Committee of the School.

THE COLLEGE.

LIST OF WARDENS.

JAMES PAGET	1843	WILLIAM MORRANT BAKER . .	1867
PATRICK BLACK, M.D. (Oxon.) .	1851	NORMAN MOORE, M.D. (Cantab.)	1874
ROBERT MARTIN, M.D. (Cantab.)	1856	THOMAS WILLIAM SHORE, M.D.	
JAMES ANDREW, M.D. (Oxon.) .	1861	(Lond.)	1891
ALFRED WILLETT	1865	JAMES CALVERT, M.D. (Lond.) .	1898

WILLIAM DOUGLAS HARMER, M.C. (Cantab.), 1903

RULES OF ADMISSION AND RESIDENCE.

Students attending the Practice of the Hospital, or the Lectures in the Medical School, will be admitted to Residence in the College on the recommendation of a Medical Officer of the Hospital. Students commencing their attendance at the Hospital or College may obtain such recommendations on adducing satisfactory evidence of good moral character.

Each Student shall pay an Entrance Fee of Two Guineas, and subscribe his readiness to submit to all the Regulations of the College and of the Hospital.

Each Student is required before admission to deposit a further sum of Three Guineas, which will be returned to him on his leaving the College; should, however, the Furniture of his rooms during his occupancy have sustained any wilful damage, the whole or part of the said Deposit will be devoted to the necessary repairs.

Resident Students are expected to dine in the Hall every day.

Non-Resident Students may dine in the Hall, if they give notice of their intention before Eleven o'clock in the morning.

The names of all Students who are absent from the Hospital after Ten P.M. are reported to the Warden.

Students shall not be absent from their Rooms after Twelve o'clock at night without giving notice to the Warden.

Friends visiting Students shall leave the College by Twelve o'clock at night.

No Student shall absent himself for a night without permission of the Warden.

Students shall quit and deliver up possession of their rooms, at any period of their engagement, upon receiving from the Warden one week's previous notice, or upon a shorter notice if the Treasurer of the Hospital shall require it.

No servant of the Establishment is permitted to receive Fees from the Students under any pretence whatever.

No article of Provision or Drink shall be admitted into the Establishment, except with the sanction of the Warden, with the exception that Students may buy and make their own Tea, Coffee, or Cocoa, if they desire it.

A Student may not, without the consent of the Warden, give up his Rooms in the Course of a Term. (The Terms are three in each year: namely, one extending from the commencement of the Winter Session in October to the commencement of the Christmas Vacation; another from the conclusion of the same Vacation to the conclusion of the Winter Session at the end of March; and the third from the commencement of the Summer Session in April to the conclusion of the same in July.)

Any Student who finds reason to complain of the attendance, service, or of the quality or price of food, is to enter his complaint in a book kept for the purpose.

For the Terms of Board and Residence, and all other information regarding the College, application should be made, either personally or by letter, to the Warden,

W. D. HARMER, M.C. (CANTAB.),
Warden.

It is part of the duty of the Warden to direct particularly the studies of the Resident Students ; but it is recommended that in questions relating to their education all Students should seek his advice.

By applying to the Warden, Students will obtain information respecting rooms in College, or will be advised respecting residence out of the Hospital.

The Warden will be glad to furnish a list of gentlemen connected with the Hospital who receive Students to board in their houses, or to advise Students respecting suitable lodgings outside the Hospital.

LIBRARY.

THE LIBRARY contains all the Standard Works of Medical, Surgical and the Allied Sciences, with duplicate copies of Books in most general use, the chief Medical and other Periodicals, and a valuable collection of Works on Religion, History, and General Literature.

The LIBRARY is open for the use of Students every day, under the following regulations:—

1. The Library is free to all Students of the Hospital.
2. The Library is open every day from 9 A.M. to 5 P.M., except for one week of the Christmas Vacation, and for one month during the Long Vacation.
3. Books may not be removed from the Library.
4. A Reader wishing for a book must give the Librarian a ticket, and shall be held responsible as long as the ticket remains in the Librarian's possession. All books are to be brought to the Librarian's desk when done with.
5. The Library is a place of study only, and conversation is not allowed.

MUSEUM.

Curator—Dr. ANDREWES. *Junior Curator*—Dr. TALBOT.

THE MUSEUM, which contains upwards of 9400 specimens arranged into sections for convenience of reference and study, is open daily to students from 9 to 5 during sessions, and from 9 to 4 during vacations. It comprises carefully selected specimens illustrative of Human Anatomy, of Pathological Anatomy, of Comparative Anatomy, of Materia Medica, of Botany, with numerous Casts, Drawings, Diagrams, Microscopical Specimens, etc.

The Museum of HUMAN ANATOMY includes a large number of elaborate dissections of the chief regions of the body arranged in cases in the galleries, which may with advantage be studied by students of the first and second years when not employed in the Dissecting Room.

The PATHOLOGICAL MUSEUM is the most complete and contains the largest number of specimens of any museum in the kingdom. It comprises over 5800 specimens, arranged into 57 series, illustrating all the most important of the diseases and injuries of the different parts and organs of the body. There are also numerous Models and Casts; and specimens of the chief modern surgical instruments are displayed in two cases, so as to be easily studied.

The COLLECTION OF DRAWINGS consists of a large number of diagrams and of drawings in oil and water colours, showing all the important morbid conditions. They are preserved in cases and drawers, and are easily accessible for purposes of study.

The CABINET OF MICROSCOPICAL SPECIMENS contains about 1200 sections and other preparations illustrating all the important diseased structures, and is kept in the Curator's room. The specimens are accessible to students bringing their microscopes from 1 to 5 P.M. daily.

Students are advised to use some standard work on Pathology when studying the specimens, and to work through the collection some little time before their final examinations.

The Museum of COMPARATIVE ANATOMY consists of specimens illustrative of Comparative Osteology and of dissections of the chief types of Vertebrata and Invertebrata.

The MATERIA MEDICA MUSEUM comprises a collection of all the important medicinal substances, both inorganic and organic, displayed in drawers and bottles so as to be freely accessible for study.

The BOTANICAL specimens include a large number of dried plants and parts of plants, displayed in two cases.

The CATALOGUE of the Museum consists of two large octavo volumes in which full descriptions of the specimens are given, and several copies of the catalogue of the various departments of the Museum are placed in each section. A volume of "Addenda" is now complete and is bound up in convenient parts and placed in the Museum for the use of Students.

The JUNIOR CURATOR attends daily in the Museum from 1 till 5 o'clock, except on Saturdays, when he attends from 11 till 2.

DEPARTMENT OF MEDICINE.

Physicians.

S. GEE, M.D. (Lond.), F.R.C.P.
Sir DYCE DUCKWORTH, M.D. (Edin.), LL.D., F.R.C.P.
NORMAN MOORE, M.D. (Cantab.), F.R.C.P.
SAMUEL WEST, M.D. (Oxon.), F.R.C.P.
J. A. ORMEROD, M.D. (Oxon.), F.R.C.P.

Assistant Physicians.

W. P. HERRINGHAM, M.D. (Oxon.) F.R.C.P.
H. H. TOOTH, C.M.G., M.D. (Cantab.), F.R.C.P.
A. E. GARROD, M.D. (Oxon.), F.R.C.P.
JAMES CALVERT, M.D. (Lond.), F.R.C.P.
H. MORLEY FLETCHER, M.D. (Cantab), F.R.C.P.

Medical Registrars.

P. HORTON SMITH, M.D. (Cantab.), F.R.C.P.
T. J. HORDER, M.D. (Lond.), M.R.C.P.

Demonstrators of Practical Medicine.

JAMES CALVERT, M.D., F.R.C.P.
H. MORLEY FLETCHER, M.D., F.R.C.P.

Junior Demonstrator of Practical Medicine.

W. LANGDON BROWN, M.D. (Cantab.), M.R.C.P.

THE MEDICAL SERVICE.

The Medical Service of the Hospital comprises Wards containing 231 beds, whilst in the General and Isolation Wards there are 51 beds, and at the Convalescent Hospital 70 beds.

During the year 1903, 2877 patients were treated in the Medical Wards and 73,855 in the Out-Patient and Casualty Departments.

COURSES OF INSTRUCTION.

1. LECTURES ON PRINCIPLES AND PRACTICE OF MEDICINE.

By NORMAN MOORE, M.D., Cantab.,
Fellow of the Royal College of Physicians, Physician to the Hospital,
AND
SAMUEL WEST, M.D., Oxon.,
Fellow of the Royal College of Physicians, Physician to the Hospital.

This Course comprises a systematic exposition of the Principles and Practice of Medicine, and extends over two years.

October to January—Monday, Tuesday, and Thursday, at 3.30 P.M.
January to April—Monday and Thursday, at 3.30 P.M.; Wednesday, at 3.45 P.M.

2. LECTURES ON CLINICAL MEDICINE.

BY

S. GEE, M.D., F.R.C.P.
Sir DYCE DUCKWORTH, M.D., LL.D., F.R.C.P.
NORMAN MOORE, M.D., F.R.C.P.
SAMUEL WEST, M.D., F.R.C.P.
J. A. ORMEROD, M.D., F.R.C.P.

These Lectures relate to Patients who are or have recently been under Treatment in the Hospital. The Lectures are given by the Physicians to the Hospital on Fridays at 1 P.M., throughout the Academical year.

3. DEMONSTRATIONS ON PRACTICAL MEDICINE.

DEMONSTRATORS—{J. CALVERT, M.D., F.R.C.P.
{H. MORLEY FLETCHER, M.D., F.R.C.P.

JUNIOR-DEMONSTRATOR—W. LANGDON BROWN, M.D., M.R.C.P.

These Demonstrations are for the training o Students previous to Clerking in the Wards, and include instruction in

The Application of Anatomical Knowledge to the Investigation of Disease;

The Methods of Examining various Organs and Parts to detect the Evidence of Disease;

The Mode of Employment of Instruments and Apparatus used in Diagnosis and Treatment.

4. TUTORIAL CLASSES.

BY

J. CALVERT, M.D., F.R.C.P.
H. MORLEY FLETCHER, M.D., F.R.C.P.

1. Special Tutorial Classes to prepare the Candidates for the Final Conjoint Examinations. (M.R.C.S.-L.R.C.P.)
2. Advanced Classes are held for those preparing for the M.B. Examination of the Universities of Oxford, Cambridge, and London.
3. A Special Class, including Commentaries on Cases, for the M.D. London, commencing middle of October.

5. CLINICAL PATHOLOGICAL METHODS. (See p. 41

CLINICAL APPOINTMENTS.

1. HOUSE PHYSICIAN.

Ten House Physicians are appointed annually as Medical Officers of the Hospital after consultation between the Physicians and Physician Accoucheur in Committee. The House Physicians must be Licentiates or Members of the Royal College of Physicians of London, or Graduates in Medicine in one of the Universities recognised by that College, or Members of the Royal College of Surgeons of England. Each House Physician is attached to a Physician and Corresponding Assistant Physician, and has the care of the Patients in the intervals between the Physician's visits. During their first six months of office they assist the Junior Assistant Physicians and the Casualty Physicians in the Medical Casualty Department, and attend to the minor medical cases during their periods of duty. During their

second six months they become "Senior House Physicians," and have the care of the In-patients under the direction of their Physicians. The Junior House Physicians receive a salary at the rate of £25 a year. The Senior House Physicians are provided with rooms by the Hospital Authorities, and receive a salary at the rate of £80 a year each.

2. CLINICAL CLERK TO IN-PATIENTS.

Clinical Clerks, usually forty in number, are appointed by the Physicians *every three months,* beginning on the first of January, April, July, and October. They attend daily in the Wards between the hours of 10 and 1, to take notes of the histories, symptoms, and daily progress of the Medical cases and to assist the House Physicians. Afterwards they accompany the Physicians on their visits to the Wards and read to them their notes of the cases.

All Students before serving as Clinical Clerks are required to attend the Elementary Classes of the Demonstrators of Practical Medicine, unless they can show that they have already received the necessary instruction.

3. CLINICAL CLERK TO OUT-PATIENTS.

The Medical Out-patients are seen in the Medical Out-patient Rooms every day at 1.30 P.M. by one of the three Senior Assistant-Physicians. Each Assistant-Physician takes two days a week and appoints Clerks every three months. The Clerks take notes of the cases, and the Patients are afterwards examined by the Assistant-Physician, a short demonstration of each case being given. Each Clerk has subsequently the opportunity of following the progress and treatment of his cases.

Students are recommended to Clerk in the Out-patient Room after having acted as Clinical Clerks in the Wards.

4. PATHOLOGICAL MEDICAL CLERK.

Five Pathological Clerks for the Medical Wards are appointed every three months, one being attached to each Physician. Their duties are to assist in carrying out the necessary clinical pathological investigations which may be required on the Patients in the Wards to which they are attached, and to prepare microscopical sections of tissues and organs from the post-mortem room. Their work is done under the supervision of the Medical Registrars and the Demonstrators of Pathology.

Times of Attendance of the Physicians in the Wards.

	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Dr. GEE	—	1.30	—	1.30	—	1.30
Sir DYCE DUCKWORTH	1.30	1.30	—	2.30	1.30	1.30
Dr. NORMAN MOORE	1.30	1.30	1.30	—	1.30	1.30
Dr. SAMUEL WEST	1.30	3	1.30	1.30	3	1.30
Dr. ORMEROD	1.30	1.30	—	1.30	1.30	—

Times of Attendance of the Assistant-Physicians at the Out-patients' Rooms and in the Casualty Department.

	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
Dr. HERRINGHAM	—	1.30	—	—	1.30	—
Dr. TOOTH	1.30	—	—	1.30	—	—
Dr. GARROD	—	—	1.30	—	—	1.30
Dr. CALVERT	—	9	—	9	—	9
Dr. MORLEY FLETCHER	9	—	9	—	9	—

DEPARTMENT OF SURGERY.

Surgeons.

JOHN LANGTON, F.R.C.S.
W. HARRISON CRIPPS, F.R.C.S.
W. BRUCE CLARKE, M.B. (Oxon.), F.R.C.S.
ANTHONY A. BOWLBY, C.M.G., F.R.C.S.
C. B. LOCKWOOD, F.R.C.S.

Assistant Surgeons.

D'ARCY POWER, M.B. (Oxon.), F.R.C.S.
H. J. WARING, M.S., M.B., B.Sc. (Lond.), F.R.C.S.
W. MCADAM ECCLES, M.S., M.B. (Lond.), F.R.C.S.
R. C. BAILEY, M.S., M.B. (Lond.), F.R.C.S.
W. D. HARMER, M.C. (Cantab.), F.R.C.S.

Surgical Registrar.

G. E. GASK, F.R.C.S.

Demonstrators of Practical Surgery.

H. J. WARING, M.S., M.B., B.Sc., F.R.C.S.
R. C. BAILEY, M.S., M.B., F.R.C.S.

Junior Demonstrator of Practical Surgery.

G. E. GASK, F.R.C.S.

Demonstrators of Operative Surgery.

R. C. BAILEY, M.S., M.B., F.R.C.S.
W. MCADAM ECCLES, M.S., M.B., F.R.C.S.
W. D. HARMER, M.C., F.R.C.S.

THE SURGICAL SERVICE.

The Hospital contains a service of 335 beds for Patients suffering from Surgical Affections, whilst there are also 51 beds for General and Isolation Cases, and 70 for Convalescents at the Convalescent Hospital at Swanley in Kent.

During the year 1903, 4530 Patients were treated in the Surgical Wards of the Hospital, and 42,963 Patients in the Out-Patient and Casualty Departments.

COURSES OF INSTRUCTION.

1. LECTURES ON PRINCIPLES AND PRACTICE OF SURGERY.

BY

ANTHONY BOWLBY, C.M.G., F.R.C.S.
Surgeon to the Hospital,
AND
W. BRUCE CLARKE, M.B., F.R.C.S.
Surgeon to the Hospital.

These Lectures comprise a systematic exposition of the Principles and Practice of Surgery. The complete Course extends over two Winter Sessions.

October to December—Wednesday, and Friday, at 3.30 P.M.,
Thursdays, 12.45 P.M.
January to March—Tuesday, Wednesday, and Friday, at 12.45 P.M.

2. CLINICAL LECTURES ON SURGERY.

BY

JOHN LANGTON, F.R.C.S.
H. T. BUTLIN, F.R.C.S.
W. HARRISON CRIPPS, F.R.C.S.
W. BRUCE CLARKE, M.B., F.R.C.S.
ANTHONY BOWLBY, C.M.G., F.R.C.S
C. B. LOCKWOOD, F.R.C.S.

These Lectures relate to Patients, who are or have recently been under Treatment in the Hospital. The Lectures are given by the Surgeons to the Hospital on Wednesdays throughout the Academical year, at 2.45 P.M.

3. DEMONSTRATIONS ON PRACTICAL SURGERY.

DEMONSTRATORS—{H. J. WARING, M.S., F.R.C.S.
R. C. BAILEY, M.S., F.R.C.S.

The Demonstrations on Practical Surgery include instruction in :—

1. The Application of Anatomical Facts to Surgery, on the Living Person, or on the Dead Body.
2. The methods of proceedings, and the manipulations necessary in order to detect the Effects of Diseases and Accidents, on the Living Person, or on the Dead Body.
3. The Use of Surgical Apparatus and Appliances.

October to March—Monday and Thursday, at 4.30 P.M.

4. APPLICATION OF BANDAGES AND SPLINTS.

JUNIOR DEMONSTRATOR—G. E. GASK, F.R.C.S.

An Elementary Course, which every Student must attend before he can be appointed a Surgical Dresser, unless he can show that he has already attended a similar Course of Instruction elsewhere, is held every three months during the Academical year.

5. OPERATIVE SURGERY.

DEMONSTRATORS—{R. C. BAILEY, M.S., F.R.C.S.
W. MCADAM ECCLES, M.S., F.R.C.S.
W. D. HARMER, M.C., F.R.C.S.

The following courses are held :—

1. Elementary Course, for the final M.R.C.S. and L.R.C.P. All students must attend this class during their fourth or fifth year.
2. A Course intended for students for the M.B., B.Ch. B.C. and B.S., Examinations of the Universities of Oxford, Cambridge, and London.
3. A Course for the Naval, Military and Indian Medical Services (entrance and promotion).
4. A Course for those who wish to present themselves for the Final F.R.C.S. or the M.Ch., M.C. and M.S. Examinations.

A Complete Course is held once a month during the Winter and Summer Sessions.

The Classes are held in the Operative Surgery room at 4.15 P.M. daily except Saturday, when the Class meets at 9 A.M., and each student performs or assists in performing, on the Dead Subject, all the recognised operations in Surgery.

6. TUTORIAL CLASSES.

BY

H. J. WARING, M.S., F.R.C.S.
R. C. BAILEY, M.S., F.R.C.S.

Tutorial Classes in Surgery are held every three months during the Academical Year for Students who propose to present themselves at the different qualifying Examinations of the Universities and the Royal Colleges. (See also page 37.)

7. SURGICAL CONSULTATIONS.

Surgical Consultations are held by the Surgical Staff of the Hospital on interesting, rare, and obscure Surgical Cases, on Thursdays at Half-past One P.M. in the old Operating Theatre.

8. SURGICAL OPERATIONS.

Surgical operations, except in cases of emergency, are performed at Half-past One P.M. on Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays in either the new or the old Operating Theatre. A Notice of the Operations of the Day is posted every morning in the entrance leading to the old Operating Theatre.

TIME-TABLE OF OPERATIONS.

	OLD THEATRE.	NEW THEATRE.
Monday . .	1.30 p.m., Mr. HARRISON CRIPPS.	1.30 p.m., Mr. LANGTON.
Tuesday .	1.30 p.m., Mr. LOCKWOOD. After Mr. Lockwood, Mr. HARMER.	1.30 p.m., Mr. BRUCE CLARKE.
Wednesday	1.30 p.m., Mr. LANGTON.	1.30 p.m., Mr. WARING.
Thursday .	1.30 p.m., Consultations. After Consultations, Mr. BOWLBY, Mr. D'ARCY POWER.	11 a.m., Mr. ECCLES. 2.30 p.m., Mr. BAILEY. 4 p.m. Mr. BRUCE CLARKE,
Friday . .	1.30 p.m., Mr. BOWLBY.	1.30 p.m., Mr. LOCKWOOD. After Mr. Lockwood, Mr. HARMER.
Saturday .		

Abdominal Sections for Ovariotomy, &c., are performed by Mr. Cripps in the Martha Operating Theatre, on Wednesdays, at 2 p.m.

Operations on the Eye are performed on Tuesdays and on Fridays, at 2 p.m., in the Ophthalmic Theatre.

CLINICAL APPOINTMENTS.

1. HOUSE SURGEON.

Ten House Surgeons are appointed annually as Medical Officers of the Hospital after consultation between the Surgeons in Committee. They are required to have been "Surgery Dresser" for six months and "Ward Dresser" for at least six months at the Hospital, and must be Members of the Royal College of Surgeons of England, or must have graduated in Surgery at the University of Oxford, or Cambridge, or London. Each House Surgeon is attached to a Surgeon and corresponding Assistant-Surgeon, and the care of the Patients is entrusted to him in the intervals between the Surgeon's visits. During their first six

months as Junior House Surgeons they attend to the Patients in the Surgical Casualty Department and the Surgical Emergency Cases applying for treatment during their Surgeons' periods of duty. During their second six months they also have charge of the In-patients under the direction of their respective Surgeons, acting as "Senior House Surgeons." The Junior House Surgeons receive a salary at the rate of £25 a year each, and the Senior House Surgeons are provided with rooms by the Hospital Authorities and receive a salary of £80 a year.

2. SURGICAL DRESSER TO IN-PATIENTS.

Dressers to the Surgical In-patients and to the Surgical Casualty Department are appointed every three months by the Surgeons, beginning on the first of January, April, July, and October. They hold office for six months —three months as "Surgery Dressers" and three months as "Ward Dressers." Each Surgeon has six "Surgery Dressers" who attend daily in the Surgical Casualty Department to dress the minor Surgical cases under the supervision of the House Surgeons. Each Surgeon also has eight "Ward Dressers" who attend in the Wards every morning to dress the Surgical In-patients and to take notes of cases. They subsequently accompany the Surgeons on their visits to the Wards and read the notes of their cases. During "taking in" times there are two Dressers on day duty in the Surgery, and a Dresser is on "duty" every night.

Prior to holding a Dressership, Students are required to attend the classes for the preliminary instruction of Dressers held by the Demonstrators of Practical Surgery, and are advised also to attend the demonstrations of Dental Surgery during the month preceding the commencement of the Dresserships.

3. SURGICAL DRESSER TO OUT-PATIENTS.

The Surgical Out-patients are seen in the Surgical Out-patient Rooms every day at 1.30 P.M. (Saturday, at 9 A.M.) by the three Senior Assistant-Surgeons, each taking two days a week and appointing eight Out-patient Dressers. The Dressers examine and take notes on cases, which are subsequently demonstrated by the Assistant-Surgeon to the Dressers and other Students present.

Classes for Clinical Demonstrations are arranged every three months, and Students wishing to attend should enter their names beforehand, preference being given to those who are working for their final examinations.

4. PATHOLOGICAL SURGICAL CLERK.

Five Pathological Clerks for the Surgical Wards are appointed every three months, one being attached to each Surgeon. Their duties are to prepare sections of tissues removed in the Operating Theatres and Surgical Post-mortem Room, and to undertake and report the result of any pathological investigations which may be required in the Surgical Wards. Their work is done under the supervision of the Surgical Registrar and Demonstrators of Pathology.

Times of Attendance of the Surgeons in the Wards.

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. LANGTON . .	1.30	1.30	1.30	1.30	1.30	1.30
Mr. CRIPPS . .	1.30	1.30	2	1.30	1.30	—
Mr. BRUCE CLARKE .	1.30	1.30	2	1.30	1.30	—
Mr. ANTHONY BOWLBY .	1.30	—	1.30	1.30	1.30	—
Mr. LOCKWOOD . . .	2	2	—	2	2	—

Times of Attendance of the Assistant Surgeons at the Out-Patient Rooms and in the Casualty Department.

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. D'ARCY POWER . .	1.30	—	—	1.30	—	—
Mr. WARING	—	1.30	—	—	1.30	—
Mr. ECCLES	—	—	1.30	—	—	11
Mr. BAILEY	9	9	—	9	—	—
Mr. HARMER	—	—	9	—	9	9

Special Classes for the Higher Degrees in Surgery

(F.R.C.S., M.S. Lond., M.Ch. Oxon., and M.C. Cantab.).

The following special courses of instruction have been designed to meet the requirements of students preparing for the above Examinations.

1. CLINICAL SURGERY.

By the Surgeons and Assistant Surgeons daily at 1.30.

2. SURGICAL CASE-TAKING AND COMMENTARIES.

Mr. GASK . . . . Wednesday . 11

3. SURGICAL ANATOMY.

Mr. L. B. RAWLING . . . { Monday . 12–1 / Friday . 10–11

4. PATHOLOGY.

a. General Pathology and Histology.

Dr. F. W. ANDREWES . . . Tuesday . 11

Six weeks towards the end of the course.

b. Surgical Pathology, Morbid Anatomy, and Museum Work.

Mr. MCADAM ECCLES . . . Thursday . 10

c. Bacteriology.

Mr. ROSE . . . . . Friday . 11

Six weeks towards the end of the course.

5. OPERATIVE SURGERY.

Mr. BAILEY
Mr. MCADAM ECCLES
Mr. HARMER
} Three weeks at the end of the course.

6. CLINICAL AND PRACTICAL OPHTHALMOLOGY.

Mr. JESSOP . . . . . Tuesday . 3.30 P.M.

Mr. HOLMES SPICER . . . Thursday 12

Two courses are held, each of two months' duration, commencing for the next Examinations on September 1 and March 1.

DEPARTMENT FOR DISEASES OF WOMEN.

Physician Accoucheur.
FRANCIS HENRY CHAMPNEYS, M.D. (Oxon.), F.R.C.P.

Assistant Physician Accoucheur.
WALTER S. A. GRIFFITH, M.D. (Cantab.), F.R.C.P.

Surgeon to Obstetric Wards.
W. HARRISON CRIPPS, F.R.C.S.

Chief Assistant and Demonstrator of Practical Midwifery and the Diseases of Women.
H. WILLIAMSON, M.B. (Cantab.), M.R.C.P.

The Special Wards devoted to Diseases of Women contain 32 beds, and include one and a half large Wards, three small Wards, and an Operation Theatre fitted with all the requisite modern appliances.

COURSES OF INSTRUCTION.

1. LECTURES ON MIDWIFERY AND THE DISEASES OF WOMEN.

BY

FRANCIS HENRY CHAMPNEYS, M.D., F.R.C.P.

1. The Anatomy and Physiology of the Unimpregnated Female; of Pregnancy; of Labour; of Lying-in; and of the New-born Child.
2. The Pathology of Pregnancy; of Labour; of Lying-in; and of the New-born Child.

April to July—Tuesday, Wednesday, Thursday, Friday, and Saturday, 9 A.M.

2. CLINICAL LECTURES ON THE DISEASES OF WOMEN.

BY

F. H. CHAMPNEYS, M.D., F.R C.P.

A Systematic Course of Clinical Lectures on the Diseases of Women is given on Thursdays at 9 A.M., from October to Christmas.

3. DEMONSTRATIONS ON PRACTICAL MIDWIFERY.

DEMONSTRATOR—H. WILLIAMSON, M.B., M.R.C.P.

THESE Demonstrations include:—

1. Elementary Instruction in the Management of Labour to Students about to Clerk in the Maternity Department.
2. Class Instruction to Senior Students in Midwifery and Diseases of Women, with especial reference to the use and application of instruments for Diagnosis and Treatment, and to specimens illustrative of the chief morbid conditions.

4. TUTORIAL CLASSES.

BY

H. WILLIAMSON, M.B., M.R.C.P.

Special Tutorial Classes are held during each three months of the Academical Year to prepare candidates for the Examinations of the Conjoint Board; and in addition Special Classes are held for Students preparing for higher Examinations, such as the final M.B. Examinations of the Universities of Oxford, Cambridge, and London.

CLINICAL APPOINTMENTS.

1. MIDWIFERY ASSISTANT.

A Resident Midwifery Assistant is appointed every six months after consultation between the Physicians and Physician Accoucheur in Committee, and must possess a Diploma qualifying for practice. He is provided

with rooms by the Hospital Authorities, and receives a salary at the rate of £80 a year. The Midwifery Assistant is entrusted with the care of the Obstetrical In-patients under the direction of the Physician Accoucheur He also assists the Assistant Physician Accoucheur in the treatment of Out patients, and assists the Extern Midwifery Assistant in difficult cases.

2. EXTERN MIDWIFERY ASSISTANT.

An Extern Midwifery Assistant is appointed every three months afte consultation between the Physicians and Physician Accoucheur in Committee. He must possess a Diploma qualifying for practice. He instructs the Extern Midwifery Clerks in the performance of their duties, and exercises a supervision over them under the direction of the Assistant Physician Accoucheur. He is responsible for the keeping of records of the Midwifery cases. The Extern Midwifery Assistant receives a salary at the rate of £80 a year.

3. CLINICAL ASSISTANT.

Clinical Assistants are appointed in the Department for Diseases of Women for periods of three months, commencing on January 1, April 1, July 1 and October 1, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in both the Out-Patient and In-Patient Departments, and perform such duties as are allotted to them.

4. CLERK IN THE DEPARTMENT FOR DISEASES OF WOMEN.

Sixteen Clinical Clerks are appointed every three months for work in the Wards and twenty-five in the Out-patient Department for Diseases of Women, and they perform duties similar to those of the Clinical Clerks in the General Medical Wards and in the Medical Out-patient Department, and must have previously acted as Extern Midwifery Clerks.

Dr. CHAMPNEYS,' the Physician Accoucheur to the Hospital, sees the In-patients with Uterine Diseases on Mondays, Wednesdays, and Fridays, at 2 P.M. He is attended on his visits to the Wards by his Clerks and other Students not holding appointments. The Clerks read their notes of the cases allotted to them, and the Physician Accoucheur enters particularly into the details of the cases with the Clerk, besides giving general instruction on the symptoms, diagnosis, prognosis, and treatment of the several diseases under observation to all students who are going round the Wards with him.

Dr. GRIFFITH, the Assistant Physician Accoucheur, sees the Out-patients on Wednesdays and Saturdays, at 9 A.M.; and superintends the Extern Midwifery Department.

5. EXTERN MIDWIFERY CLERK.

Ten Clerks are appointed on the first of every month to attend Midwifery Out-patients of the Hospital, under the superintendence of the Assistant Physician Accoucheur and the Midwifery Assistants. They are required to have previously dressed and clerked and to have attended the Lectures on Midwifery and the Classes of the Demonstrator of Practical Midwifery, or to satisfy the Assistant Physician Accoucheur of their competence.

6. PATHOLOGICAL CLERK.

One or more Pathological Clerks are appointed every three months to the Wards for the Diseases of Women. Their duties are to examine and prepare Microscopical Sections of Tissues or Organs removed in the Gynæcological Operating Theatre and Post-mortem Room, and to undertake and report the result of any Pathological Investigations which may be required in the Department for Diseases of Women. Their work is carried out under the supervision of the Demonstrator of Midwifery and the Demonstrators of Pathology.

DEPARTMENT OF PATHOLOGY.

on Pathology and Pathologist to the Hospital.
F. W. ANDREWES, M.D. (Oxon.), F.R.C.P., D.P.H.

Lecturer on Advanced Bacteriology.
E. KLEIN, M.D., F.R.S.

Demonstrator of Chemical Pathology.
A. E. GARROD, M.D. (Oxon.), F.R.C.P.

Demonstrators of Morbid Anatomy (Medical).
P. HORTON SMITH, M.D. (Cantab.), F.R.C.P.
T. J. HORDER, M.D. (Lond.), M.R.C.P.

Demonstrator of Morbid Anatomy (Surgical).
G. E. GASK, F.R.C.S.

Demonstrators of Pathology.
F. A. ROSE, M.B. (Cantab.), F.R.C.S.
H. THURSFIELD, M.D. (Oxon.), M.R.C.P.

Junior Demonstrators of Pathology.
J. G. FORBES, M.D. (Cantab.), M.R.C.P
J. F. JENNINGS, M.B. (Lond.), F.R.C.S.

Surgical Registrar.
G. E. GASK, F.R.C.S.

COURSES OF INSTRUCTION.

1. LECTURES ON GENERAL PATHOLOGY.

BY

F. W. ANDREWES, M.D., F.R.C.P.

This course of Lectures is given during the winter Session, and is devoted to the principles of General Pathology, and to the Morbid Anatomy and Physiology of Special Diseases. The Lectures are illustrated by specimens from the Museum, and whenever possible by Laboratory Demonstrations at the close of the Lecture.

SYLLABUS: The General and Special Pathology of the Blood. Thrombosis and Embolism. The Pathology of the Circulation. Œdema. Jaundice. Albuminuria and Glycosuria. Pathology of the Ductless Glands.

Fever. Inflammation: Degenerations. Necrosis and Gangrene. The Healing of Wounds. Hypertrophy and Atrophy. Infections (including the Elements of Bacteriology). The Pathology of Innocent and Malignant New Growths. Cyst Formation.

October to March—Tuesday and Thursday, 10 A.M.

2. LECTURES ON ADVANCED BACTERIOLOGY.

BY

E. E. KLEIN, M.D., F.R.S.

A course of Lectures on the Bacteriology of the Infectious Diseases common to man and animals is given during the Summer Session.

The diseases treated of in these Lectures are as follows:

Anthrax; Malignant Œdema and Rauschbrand; Diphtheria: Scarlet Fever; Actinomycosis and other Streptothrix Infections; Tubercle; Plague; Tetanus; Glanders; Variola; and Vaccinia.

April to July—Friday, at 11 A.M.

3. LECTURES ON CHEMICAL PATHOLOGY.

BY

A. E. GARROD, M.D., F.R.C.P.

A course of advanced Lectures is given by the Demonstrator of Chemical Pathology during the Winter Session.

In these Lectures the chemical and metabolic problems connected with such morbid conditions as Diabetes, Gout, Renal Disease, Jaundice, &c., are discussed.

4. PRACTICAL MORBID HISTOLOGY.

Classes in Pathological Histology are conducted by the Lecturer, Demonstrators, and Junior Demonstrators of Pathology, every Friday afternoon, at 4.15 P.M., during the Winter Session, in the large Practical Class Room. Microscopic sections of all the principal morbid tissues, medical, surgical, and gynæcological, are given to the Students of the class, which is preceded by a short Lecture and accompanied by full practical Demonstrations. Students are urged to bring their own microscopes while attending this course.

5. PRACTICAL PATHOLOGY AND CLINICAL PATHOLOGICAL METHODS.

Practical Classes in these subjects are held by the Demonstrator of Chemical Pathology, and the Demonstrators and Junior Demonstrators of Pathology, twice a year, in the Winter and Summer Sessions. The Classes are held three times a week in the Large Practical Class Room. The instruction comprises the methods of section cutting and staining; the preparation and staining of films from cultures, pus, and sputum for the principal pathogenic bacteria; the methods of blood examination, including the use of the hæmocytometer and hæmoglobinometer, the preparation of stained blood films and the mode of making differential leucocyte counts; the characters and recognition of the principal animal parasites, and the examination of hairs and skin for the parasites of ringworm and favus.

On the Chemical side, these Classes comprise the qualitative and quantitative examination of the urine and other morbid fluids, the examination of the gastric contents, and the analyses of calculi.

This course is designed to meet the requirements of the practical examinations in Pathology at the different Universities.

6. PRACTICAL BACTERIOLOGY.

Courses of instruction in Elementary Practical Bacteriology are held three times a year, during the Winter and Summer Sessions, by the Lecturer on Pathology, with the assistance of the Demonstrators and Junior Demonstrators. The class extends over a period of five to six weeks, and meets three times a week in the Pathological Laboratory, from 2 to 5 P.M., on Mondays, Wednesdays, and Fridays. They commence in October, January, and May.

The subjects practically dealt with in the course are as follows:—

The principles of cultivating bacteria, the making and sterilising of culture media, and modes of inoculation; the morphology, minute structure, life history, and classification of micro-organisms; spore-formation and reproduction; the use of the high powers of the microscope; the examination of living bacteria; hanging drop cultivations; the principles of staining bacteria, with the preparation of the common staining fluids; the chemistry of bacteria, and the products of their action; saprophytes and parasites; the production of disease by bacteria; the principles of alternation and exaltation by virulence; the nature of immunity.

After preliminary practice in the cultivation and examination of non-

pathogenic organisms, the principal pathogenic organisms are practically studied in the following order:—

Anthrax; Cholera and allied vibrios; Pyogenic cocci, including the pneumococcus and gonococcus; Actinomyces and allied streptothrices; B. typhosus and B. coli communis; Diphtheria; Glanders; Plague; Leprosy; Tubercle; Tetanus, malignant œdema, and other anaërobic bacilli.

The instruction includes the cultivation and examination of the above bacteria by all the approved methods, the staining of flagella, of spores, and of sections of tissues, together with the examination of animals dead of bacterial disease.

7. MORBID ANATOMY.

Post-mortem examinations are made daily in the Post-mortem Room by the Demonstrators of Morbid Anatomy (Medical Cases) at 12.30 P.M., and by the Surgical Registrar (Surgical Cases) at 1.45 P.M. Full opportunity is afforded to Students at these examinations for the inspection of the morbid conditions revealed, which are explained by the Demonstrators.

Students are trained in the method of making post-mortem examinations, and special post-mortem clerks are appointed for periods of a fortnight. A notice of the post-mortem examinations of each day is posted every morning before 12 o'clock on the School Notice Board. The clinical clerk or dresser of each case is required to attend.

8. DEMONSTRATIONS ON MEDICAL MORBID ANATOMY.

Once a week, during both Winter and Summer Sessions, the Demonstrators of Morbid Anatomy (Medical) hold a demonstration on the morbid specimens of the week from the Post-mortem Room, supplemented by specimens from the Museum. These demonstrations are held on Fridays at 11 A.M. in the Medical Theatre.

Two courses of demonstrations on Systematic Morbid Anatomy are held in the Museum by the Demonstrators of Morbid Anatomy.

October to Christmas, January to March, at times to be arranged.

9. DEMONSTRATIONS ON SURGICAL MORBID ANATOMY.

Once a week, during both Summer and Winter Sessions, the Demonstrator of Morbid Anatomy (Surgical) holds a demonstration on the morbid specimens of the week from the Operating Theatres and Post-mortem Room, supplemented by specimens from the Museum.

October to March—Wednesdays, at 10.15 A.M.
April to July—Thursdays, at 10.15 A.M.

10. ADVANCED COURSE IN CLINICAL PATHOLOGICAL METHODS.

This course is conducted for those gentlemen who are coming on as House Physicians, in order that they may be enabled to impart the necessary instruction to their clinical clerks. Before coming on as House Physicians, gentlemen are required either to attend this course or to satisfy the Lecturer on Pathology of their ability to teach Clinical Pathological methods. The course is held once a year, in January, by the Demonstrators and Junior Demonstrators of Pathology, at hours arranged to suit the convenience of those attending it.

11. TUTORIAL CLASSES IN PATHOLOGY AND BACTERIOLOGY.

Tutorial Revision Classes are held in Medical and Surgical Pathology by the Demonstrators of Pathology. One class in Medical and one in Surgical Pathology is held each week during the Summer and Winter Sessions. Hours to be arranged. These classes are intended for Students about to present themselves for their Examinations.

12. CLINICAL APPOINTMENTS IN PATHOLOGY.

For details concerning these appointments, see pp. 33, 37, 40, 45.

Times of Attendance of Demonstrators in Pathological Laboratory.

	10 to 1.30		1.30 to 5	
Monday	Dr. THURSFIELD.	Mr. JENNINGS.	Mr. ROSE.	Dr. FORBES.
Tuesday	Mr. ROSE.	Mr. JENNINGS.	Dr. THURSFIELD.	Dr. FORBES.
Wednesday	Dr. THURSFIELD.	Mr. JENNINGS.	Mr. ROSE.	Dr. FORBES.
Thursday	Dr. THURSFIELD.	Dr. FORBES.	Mr. ROSE.	Mr. JENNINGS.
Friday	Mr. ROSE.	Mr. JENNINGS.	Dr. THURSFIELD.	Dr. FORBES.
Saturday	Mr. ROSE.	Mr. JENNINGS.	Dr. THURSFIELD.	Dr. FORBES.

DEPARTMENT FOR DISEASES OF CHILDREN.

Physicians in Charge of the Department.

A. E. GARROD, M.D. (Oxon.), F.R.C.P.
and
H. MORLEY FLETCHER, M.D. (Cantab.), F.R.C.P.

Monday and Wednesday, at 9.30 A.M.

COURSE OF INSTRUCTION.

Clinical Instruction is given in the Methods of Examination, the Diagnosis, Prognosis and Treatment of the Diseases of Children and in the management of Infancy by Dr. Garrod and Dr. Fletcher.

CLINICAL APPOINTMENT.

Clerk.—Six Clinical Clerks are appointed every three months. They attend two mornings each week in the Children's Out-Patient Room, examine and take notes on the cases which come up for treatment, and afterwards read the notes to the Physician in charge of the Department. The "Cases" are then demonstrated to the Clinical Clerks and other students present by the Physician in charge.

Students are strongly advised to attend the Department for Diseases of Children and hold a Clinical Clerkship after they have held the appointments of In-Patient Clinical Clerk and Dresser.

DEPARTMENT FOR DISEASES OF THE EYE.

Ophthalmic Surgeons.

W. H. H. JESSOP, M.B. (Cantab.), F.R.C.S,
W. T. HOLMES SPICER, M.B. (Cantab.), F.R.C.S.

Chief Assistant.

E. W. BREWERTON, F.R.C.S.

THE Hospital contains two Wards, with 25 beds, and a special Operating Theatre for Patients suffering from Diseases of the Eye.

COURSES OF INSTRUCTION.

1. LECTURES ON OPHTHALMIC MEDICINE AND SURGERY.

BY

W. H. JESSOP, M.B., F.R.C.S.

DISEASES OF LIDS AND CONJUNCTIVA—Ciliary Blepharitis—Catarrhal, Purulent, Membranous, Granular, Follicular, and Phlyctenular Conjunctivitis.

DISEASES OF THE CORNEA AND SCLERA—Keratitis, Ulcers, Episcleritis, Scleritis.

DISEASES OF THE UVEAL TRACT—Iritis, Cyclitis, Choroiditis, Uveitis, Sarcoma, Anomalies of the Pupil.

CATARACT AND GLAUCOMA.

DISEASES OF OPTIC NERVE AND RETINA—Optic Neuritis, Optic Atrophy, Retinitis, Detachment of Retina, Glioma.

OPERATIONS, ACCIDENTS, AND INJURIES.

REFRACTION—Defects of Accommodation and Refraction.

STRABISMUS AND OCULAR PARALYSIS.

EYE SYMPTOMS AND DISEASES IN GENERAL DISEASES.

April to July—Monday and Thursday, at 3.30 P.M.

2. OPHTHALMOSCOPIC DEMONSTRATIONS.

BY

W. T. HOLMES SPICER, M.B., F.R.C.S.

The subjects for demonstration will include the following:—

The Optical principles of the Ophthalmoscope. Examination of the Corneal Reflex, of the Action of the Pupils, and of the Condition of the Media of the Eye. Examination of the Erect Image. Examination of the Inverted Image. Estimation of the Refraction by the Shadow Test. Direct Estimation of the Refraction. The Fundus Oculi in Health. The Fundus Oculi in Disease.

April to July—Monday, at 12 NOON.

3. CLINICAL DEMONSTRATIONS ON DISEASES OF THE EYE.

BY

W. H. JESSOP, M.B., F.R.C.S., and W. HOLMES SPICER, M.B., F.R.C.S.

Two courses of Clinical Demonstrations are given during the Winter Session. Each course consists of twelve demonstrations on the diagnosis, prognosis, and treatment of the chief diseases of the eye, given once a week for three months, and every Student must attend one of the courses of demonstrations during either his fourth or fifth year.

October to December—Thursday, at 12 NOON.

January to April—Monday, at 3.30 P.M.

4. OPHTHALMIC OPERATIONS.

Operations are performed in the Ophthalmic Operation Theatre on Tuesdays and Fridays, at 2 P.M.

CLINICAL APPOINTMENTS.

1. OPHTHALMIC HOUSE SURGEON.

An Ophthalmic House Surgeon is appointed for six months, and is eligible for re-election for a second term of six months. He is provided with rooms by the Hospital Authorities, and receives a salary at the rate of £80 a year.

The Ophthalmic House Surgeon visits the Casualty Department every morning to attend to Ophthalmic cases. He also sees the Ophthalmic emergency cases, and has charge of the In-patients in the Ophthalmic Wards under the direction of the Ophthalmic Surgeons, and assists them in the Out-Patient Department.

2. CLINICAL ASSISTANT.

Clinical Assistants are appointed in the Department for Diseases of the Eye, for periods of three months, commencing on January 1, April 1, July 1, and October 1, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in both the Out-Patient and In-Patient Departments, and perform such duties as are allotted to them by the Ophthalmic Surgeons.

3. OPHTHALMIC DRESSER.

Ten Dressers are appointed by the Ophthalmic Surgeons every three months for work in the Wards and Out-patients' Rooms for Diseases of the Eye. They attend in the Ophthalmic Wards in the morning to dress the Ophthalmic In-Patients, assist in the estimation of Refractions, and take notes of the cases. They subsequently accompany the Ophthalmic Surgeons on their visits to the Wards, and read the notes of their cases. They also attend in the Out-Patient Department.

4. PATHOLOGICAL CLERK.

One Pathological Clerk is appointed every three months to the Ophthalmic Wards. His duty is to examine and prepare microscopical sections of tissues removed in the Ophthalmic Operating Theatre, and to undertake and report the result of any pathological investigations which may be required in the Department for Diseases of the Eye. His work is carried on under the supervision of the Demonstrators of Pathology.

The Ophthalmic Surgeons attend the Ophthalmic Wards as follows :—

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. JESSOP	—	2	2	—	2	—
Mr. HOLMES SPICER . .	11	2	—	11	—	—

and the Out-Patient Rooms according to the following table :—

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. JESSOP	—	—	2.30	—	2.30	—
Mr. HOLMES SPICER . .	9	—	—	9	—	—

DEPARTMENT FOR DISEASES OF THE EAR.

Aural Surgeon to the Hospital, and Clinical Lecturer on Diseases of the Ear

A. E. CUMBERBATCH, M.B. (Lond.), F.R.C.S.

Chief Assistants.

C. E. WEST, M.B. (Oxon.), F.R.C.S.

S. R. SCOTT, M.B., B.S. (Lond.), F.R.C.S.

Tuesday and Friday, at 2 P.M.

COURSES OF INSTRUCTION.

1. SYSTEMATIC COURSES OF CLINICAL INSTRUCTION in Diseases of the Ear are given by Mr. CUMBERBATCH, the Aural Surgeon, aided by the Chief Assistants.

2. CLINICAL LECTURES.—Periodical Clinical Lectures are given on selected cases by Mr. CUMBERBATCH at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANT.—Clinical Assistants are appointed in the Department for Diseases of the Ear, for periods of three months, commencing on January 1, April 1, July 1, and October 1, and are eligible for re-election. They must possess a Degree or Diploma in Medicine or Surgery. They attend the Practice in the Department and perform such duties as are allotted to them by the Aural Surgeon.

2. DRESSER.—Eight Dressers are appointed in this Department each three months. They are instructed in the Methods of Examination, Diagnosis, Prognosis, and Treatment of the Chief Diseases of the Ear. They also receive detailed instruction in the use of the different forms of instruments used in Aural Surgery, and assist at the performance of the Operations.

Operations upon Patients suffering from Diseases of the Ear are performed on Tuesdays and Fridays after the Out-Patients have been treated.

DEPARTMENT FOR DISEASES OF THE THROAT AND NOSE.

Surgeon in Charge of the Department and Clinical Lecturer on Diseases of the Throat and Nose.

W. DOUGLAS HARMER, M.C., M.B. (Cantab.), F.R.C.S

Chief Assistants.

W. JOBSON HORNE, M.D. (Cantab.).

F. A. ROSE, M.B. (Cantab.), F.R.C.S.

Tuesday and Thursday, at 2 P.M.

COURSES OF INSTRUCTION.

1. SYSTEMATIC COURSES OF CLINICAL INSTRUCTION on Diseases of the Throat, Nose, and Naso-Pharynx are given by Mr. HARMER, aided by the Chief Assistants.

2. CLINICAL LECTURES.—Periodical Clinical Lectures are given on selected cases by Mr. HARMER at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANT.—Clinical Assistants are appointed in the Department for Diseases of the Larynx, for periods of three months, commencing on January 1, April 1, July 1, and October 1, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in the Department and perform such duties as are allotted to them by the Surgeon-in-Charge.

2. DRESSER.—Sixteen Dressers are appointed each three months. They assist in the work of the Department, and are instructed in the Methods of Examination, Diagnosis, and Treatment of Patients suffering from Diseases of the Larynx, Nose, and Naso-Pharynx. They also receive instruction in the use of the Laryngoscope, and assist in the performance of the necessary Operations.

Operations are performed on Patients with Affections of the Throat and Nose on Tuesdays and Thursdays, after the Out-Patients have been treated.

DEPARTMENT OF ORTHOPÆDIC SURGERY.

Surgeon in Charge of the Orthopædic Department and Clinical Lecturer on Orthopædic Surgery.

W. McAdam Eccles, M.S., M.B. (Lond.), F.R.C.S.

Chief Assistant.

G. E. Gask, F.R.C.S.

Monday, at 2 P.M.

Orthopædic Operations, Monday, at 3.30 P.M.

COURSES OF INSTRUCTION.

1. Systematic Courses of instruction are given to Students in this Department in the treatment of the various deformities of the Human Body. The Patients attending are seen as far as possible in such an order as to present to the Student series of similar deformities in varying degrees of severity, and at different stages of treatment. All Orthopædic Appliances are open to the inspection of Students, and demonstrations on their use are given as opportunities present.

2. Clinical Lectures.—Periodical Clinical Lectures are given on selected cases by Mr. McAdam Eccles at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. Clinical Assistant.—Clinical Assistants are appointed in the Orthopædic Department, for periods of three months, commencing on January 1, April 1, July 1, and October 1, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in the Department and perform such duties as are allotted to them by the Orthopædic Surgeon.

2. Dresser.—Ten Dressers are appointed every three months. They assist in the work of the Department, and are instructed in the methods of Examination, Diagnosis, Prognosis, and Treatment of Patients suffering from Orthopædic Affections. They also receive instruction in the use of the different Orthopædic Appliances and assist at the performance of the various operations.

DEPARTMENT FOR DISEASES OF THE SKIN.

Physician in Charge of the Department for Diseases of the Skin and Clinical Lecturer on Dermatology.

J. A. ORMEROD, M.D. (Oxon.), F.R.C.P.

Chief Assistants.

T. J. HORDER, M.D., B.Sc. (Lond.), M.R.C.P.
HUGH THURSFIELD, M.D. (Oxon.), M.R.C.P.

Hours of attendance of Out-Patients: Females—Tuesday, at 9 A.M.; Males—Friday, at 9 A.M.

COURSES OF INSTRUCTION.

1. SYSTEMATIC COURSES OF INSTRUCTION are given in the Skin Department during each three months of the Academical Year by Dr. ORMEROD, aided by the Chief Assistants.

2. CLINICAL LECTURES.—Periodical Clinical Lectures are given on selected cases by Dr. Ormerod at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANT.—Clinical Assistants are appointed in the Department for Diseases of the Skin, for periods of three months, commencing on January 1, April 1, July 1, and October 1, and are eligible for re-election. They must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice in the Department, and perform such duties as are allotted to them by the Physician in Charge.

2. CLERK.—Ten Clerks are appointed each three months, who assist in the work of the Department, and receive instruction in the Diagnosis, Prognosis, and Treatment of Patients suffering from Diseases of the Skin.

DEPARTMENT OF MEDICAL ELECTRICITY AND ELECTRO-THERAPEUTICS.

Medical Officer in Charge of the Electrical Department, and Clinical Lecturer on Medical Electricity.

H. LEWIS JONES, M.D. (Cantab.), F.R.C.P.

Chief Assistants.

HUGH WALSHAM, M.D. (Cantab.), F.R.C.P.
J. M. FLAVELLE, M.R.C.S.

Hours of Attendance of Out-Patients: Males—Monday and Thursday, at 1.30 P.M.; Females—Tuesday and Friday, at 1.30 P.M.

Operation Cases, Thursdays at 1.30 P.M. The Department is also open daily from 10 to 1.

The Electrical Department comprises a series of rooms fitted up with all modern appliances for the Electrical Testing of patients and for the treatment of Disease by Electrical Methods; also for the application of X-Rays for purposes of diagnosis and treatment, and for the treatment of Disease, &c., by ultra-violet light and other forms of radiation.

COURSES OF INSTRUCTION.

1. Cases are shown and short clinical demonstrations are given between 2 and 2.30 on Mondays and Fridays. Students are admitted at all times to follow the work of the Department during the four afternoons when the Department is open for general work.

2. CLINICAL LECTURES.—Periodical Clinical Lectures on the Treatment of Disease by Electrical Methods are given by Dr. Lewis Jones at times which are announced on the School Notice Board.

CLINICAL APPOINTMENTS.

1. CLINICAL ASSISTANT.—Clinical Assistants in the Department of Medical Electricity and Electro-Therapeutics are appointed for periods of three months, commencing on January 1, April 1, July 1, and October 1, and they are eligible for re-election. Clinical Assistants must possess a Degree or Diploma in Medicine and Surgery. They attend the Practice of the Department and perform such duties as are allotted to them by the Medical Officer in charge.

2. CLERKS are appointed for periods of one, two, or three months to suit individual requirements.

3. ASSISTANTS in the X-Ray Room are appointed as occasion arises, and Students may attend at any time for work in this section, which includes the management of the Apparatus, work with the Fluorescent Screen, and the development and preparation of X-Ray Photographs.

DEPARTMENT OF PSYCHOLOGICAL MEDICINE OR INSANITY.

Lecturer on Psychological Medicine.

T. CLAYE SHAW, M.D. (Lond.), F.R.C.P.

COURSES OF INSTRUCTION.

1. LECTURES ON PSYCHOLOGICAL MEDICINE.

BY

T. CLAYE SHAW, M.D., F.R.C.P.

This course comprises the whole subject of Insanity as required for the Examinations by the Colleges and Universities.

April to July—Wednesday, at 11.30 A.M.

2. LECTURES ON MENTAL PHYSIOLOGY.

(Especially adapted to the M.D. and M.S. Degree, London.)

BY

T. CLAYE SHAW, M.D., F.R.C.P.

October to December—Wednesday, at 11 A.M.

3. CLINICAL DEMONSTRATIONS.

These are given at St. Luke's Hospital, Old Street, by Dr. T. Claye Shaw, at times best suited for the attendance of students during the Winter Session.

DENTAL DEPARTMENT.

Dental Surgeons.
W. B. PATERSON, F.R.C.S., L.D.S.
J. ACKERY, M.R.C.S., L.D.S.
Assistant Dental Surgeons.
R. C. ACKLAND, M.R.C.S., L.D.S.
HAROLD AUSTEN, M.D. (Lond.), M.R.C.S., L.D.S.
Chief Assistants.
F. COLEMAN, M.R.C.S., L.D.S.
B. STEVENSON, L.D.S., Glas.

Hours of Attendance.—Mr. Paterson, Friday, 9.30 A.M.; Mr. Ackery, Tuesday, 9.30 A.M.; Mr. Ackland, Thursday, Friday, and Saturday, at 9 A.M.; Dr. Austen, Monday, Tuesday, and Wednesday, at 9 A.M.

COURSES OF INSTRUCTION.

1. DEMONSTRATIONS.—Four short courses of Demonstrations on the Elements of Dental Anatomy and Surgery, and for Dental Extractions on the Cadaver, are given by Mr. Paterson and Mr. Ackery every three months during the year, and are open to all Students then about to commence Surgical In-Patient Dressing.

CLINICAL APPOINTMENTS.

1. DENTAL DRESSERS.—Dressers are appointed every three months to work in the Dental Department, and instruction in Dentistry is given tc other Students who may attend.

Dental Patients and all special Dental Cases are seen in the Surgical Out-Patients' Department.

The ordinary Dental Extractions, which are performed by the Surgical Dressers in the Surgery, are superintended by the Assistant Dental Surgeons and Chief Assistants daily from 9 A.M. until 10 A.M.

DEPARTMENT FOR THE ADMINISTRATION OF ANÆSTHETICS.

Administrators of Anæsthetics.
RICHARD GILL, M.B., B.S., B.Sc. (Lond.), F.R.C.S.
EDGAR WILLETT, M.D. (Oxon.), F.R.C.S.
Assistant-Administrators of Anæsthetics.
W. F. CROSS, M.R.C.S., L.R.C.P.
H. E. G. BOYLE, M.R.C.S., L.R.C.P.

COURSES OF INSTRUCTION.

1. DEMONSTRATIONS.—A Series of Demonstrations is given each three months of the Academical year by Mr. Richard Gill and Dr. Edgar Willett, commencing in January, May, and October. These comprise a systematic and detailed description of the uses and properties of the different Anæsthetic Agents, the indications for and against their adoption in any individual case, the methods of their administration, and the method of using the different forms of appliances which are made use of in the administration of Anæsthetic Agents. Friday, at 12 noon.

2. CLINICAL INSTRUCTION. — Systematic Courses of Clinical Instruction in connection with the administration of Anæsthetics are given concurrently with each series of Clinical Anæsthetic Appointments.

CLINICAL APPOINTMENTS.

1. ADMINISTRATORS OF ANÆSTHETICS. — A Senior Assistant-Anæsthetist is appointed annually. He is paid a salary of £120, and is provided with rooms by the Hospital Authorities.

The Junior Assistant-Anæsthetist is appointed annually. He is paid a salary of £100, and is provided with rooms by the Hospital Authorities.

The Assistant-Anæsthetists administer Anæsthetics to patients undergoing Operations in any of the departments of the Hospital.

2. CLERK FOR THE ADMINISTRATION OF ANÆSTHETICS. — Anæsthetic Clerks are appointed every month. Their duties are to administer Anæsthetics, under the personal supervision of the Official Anæsthetists, to patients in the Operation Theatres, Wards, and Out-Patient and Special Departments of the Hospital. Each Clerk receives personal instruction as regards the practical administration of the different anæsthetic agents during the period of his appointment.

Students must take this Course in their fourth or fifth year after they have completed their clinical appointments in the Wards, and must first attend a complete Course of Demonstrations before being appointed as an Anæsthetic Clerk.

Candidates for the post of House Physician and House Surgeon must be able to produce a Certificate of having satisfactorily attended a complete Course.

DEPARTMENT OF FORENSIC MEDICINE AND PRACTICAL TOXICOLOGY.

Lecturer on Forensic Medicine.
W. P. HERRINGHAM, M.D. (Oxon.), F.R.C.P.

Demonstrators of Practical Toxicology.
F. D. CHATTAWAY, M.A., Ph.D., D.Sc.
W. H. HURTLEY, D.Sc. (Lond.).

COURSES OF INSTRUCTION.

1. LECTURES ON FORENSIC MEDICINE.

BY

W. P. HERRINGHAM, M.D. (Oxon.).

Fellow of the Royal College of Physicians; Assistant-Physician to the Hospital.

The Lectures illustrate:—

1. The duties of a medical practitioner as witness in a court of law, and the evidence which he can furnish.

2. The legal position of a medical practitioner in relation to public bodies and to private patients.

3. The rules which regulate professional conduct.

Monday, Wednesday and Friday, at 10.

2. PRACTICAL TOXICOLOGY.

BY

F. D. CHATTAWAY, M.A., Ph.D., D.Sc.
W. H. HURTLEY, D.Sc.

Two courses of instruction in Toxicology to meet the requirements of the M.B. Examination of the University of London are given each Session, beginning October 1 and March 1.

Tuesday, Wednesday, and Thursday, 2–5 P.M.

DEPARTMENT OF ANATOMY.

Lecturers on Anatomy.

H. J. WARING, M.S., M.B., B.Sc. (Lond.), F.R.C.S.
W. MCADAM ECCLES, M.S., M.B. (Lond.), F.R.C.S.

Senior Demonstrator of Anatomy.

L. B. RAWLING, M.B., (Cantab.), F.R.C.S.

Junior Demonstrators of Anatomy.

C. E. WEST, M.B. (Oxon.), F.R.C.S.
S. R. SCOTT, M.B., B.S. (Lond.), F.R.C.S.
C. G. WATSON, F.R.C.S.
T. J. FAULDER, M.R.C.S.

COURSES OF INSTRUCTION.

1. LECTURES ON DESCRIPTIVE AND SURGICAL ANATOMY.

BY

H. J. WARING, M.S., M.B., B.Sc., F.R.C.S.,

Assistant-Surgeon to the Hospital; Consulting Surgeon to the Metropolitan Hospital.

AND

W. MCADAM ECCLES, M.S., M.B., F.R.C.S.,

Assistant-Surgeon to the Hospital.

The Lectures will be divided into an Elementary and an Advanced Course.

The Elementary Lectures, which will be illustrated by Lantern Demonstrations as occasion may require, will deal with:

First half session.

The general plan of the human body. The osseous system. The articulations of the arm and leg.

Second half session.

The muscles, vessels, nerves and lymphatics of the arm and leg.

In the Advanced Lectures the Topographical and Surgical Anatomy, and also the Morphology and Embryology, of the various organs and structures will be especially considered.

These Lectures are illustrated by special dissections, dissections from the Museum, pathological specimens, and original diagrams.

The Elementary Lectures are mainly intended for Students beginning Anatomy. The course of Anatomy is not complete till both the Elementary and the Advanced Lectures have been attended.

Oct. to March—Tuesday, Wednesday, Thursday, and Friday, at 9 A.M.

2. ADVANCED ANATOMY.

Practical Classes for advanced instruction, designed to meet the requirements of those Students who propose to proceed to the higher examinations, Intermediate M.B. of Oxford, Cambridge, and London, the Primary Fellowship of the Royal College of Surgeons, &c., are held by Mr. RAWLING.

These Classes will be held as follows:—

1. To prepare for the Primary F.R.C.S. in November.

April to July—Tuesday and Friday, at 12 NOON.

October to November—Tuesday and Friday at 12 NOON, and Wednesday, at 1.

2. To prepare for the Intermediate M.B. Oxford and the Intermediate M.B. Cambridge in December, and the Intermediate M.B. London in January.

October to January—Monday at 1, Thursday at 12, Saturday at 11.

3. To prepare for the Primary F.R.C.S. in May.

January to May—Tuesday and Friday at 12 NOON, and Wednesday at 1.

4. To prepare for the Intermediate M.B. Cambridge in June, and the Intermediate M.B. London in July.

January to March—Monday at 1, Thursday at 12, Saturday at 11.

April to July—Monday at 12, Thursday, at 12 NOON.

3. PRACTICAL ANATOMY.

This department is under the superintendence of the Lecturers on Anatomy.

The Senior Demonstrator of Anatomy, Mr. RAWLING, with the Junior Demonstrators, Mr. WEST, Mr. SCOTT, Mr. WATSON, and Mr. FAULDER, attend daily from Ten till Four o'clock to direct the Students in their dissections and to give demonstrations in Classes.

All Students of the First Year are arranged into classes to receive practical individual instruction in Osteology and the parts they are dissecting, and Students of the Second Year are divided into classes for practical demonstration of the anatomy of the various regions of the body.

The Dissecting Rooms are open from 8 A.M. to 5 P.M.

Subjects for Dissection are provided at a moderate expense, during the whole of the Winter and Summer Sessions. A record is kept of the regularity of attendance on classes and demonstrations of all first and second year students, of their diligence in dissecting, and of the manner in which they dissect their "parts."

HOURS OF ATTENDANCE IN THE DISSECTING ROOM.

October—March.

	Mon.	Tues.	Wed.	Thurs.	Friday	Sat.
Mr. RAWLING . . .	1–4	10–1	1–4	10–1	10–1	10–1
Mr. WEST	1–4	10–1	1–4	10–1	10–1	10–1
Mr. SCOTT	1–4	1–4	10–1	10–1	1–4	10–1
Mr. WATSON . . .	10–1	10–1	1–4	1–4	10–1	10–1
Mr. FAULDER . . .	10–1	1–4	10–1	1–4	1–4	10–1

April—July.

	Mon.	Tues.	Wed.	Thurs.	Friday	Sat.
Mr. RAWLING . . .		10–12			10–12	
Mr. WEST	10–12			10–12		
Mr. SCOTT			10–12		10–12	
Mr. WATSON . . .		10–12				10–12
Mr. FAULDER . . .			10–12	10–12		

4. TUTORIAL CLASSES.

Special Tutorial Classes are arranged each three months for students preparing for the various professional examinations in Anatomy. The instruction in these classes is chiefly individual and catechetical, and at each class special dissections and an undissected body are used for illustration of the subject under discussion. In connection with these classes frequent "Test Examinations," both written, oral, and practical, are held, in order to thoroughly familiarise every individual student with the "ordeal" of examinations.

DEPARTMENT OF GENERAL ANATOMY AND PHYSIOLOGY.

Lecturer on Physiology.
J. S. EDKINS, M.A., M.B. (Cantab.)

Demonstrators of Physiology.
W. LANGDON BROWN, M.D. (Cantab.), M.R.C.P.
F. A. BAINBRIDGE, M.D. (Cantab.), M.R.C.P.

COURSES OF INSTRUCTION.

1. LECTURES ON GENERAL ANATOMY AND PHYSIOLOGY.

BY

J. S. EDKINS, M.A., M.B. (Cantab.)

This Course comprises a systematic exposition of the principles of Physiology, and the Lectures are supplemented and illustrated by experimental demonstrations whenever requisite.

October to March—Tuesday, Wednesday, and Friday, at 10 A.M.

2. PRACTICAL PHYSIOLOGY.

A systematic Course of Practical Physiology, which is supplemental to, and carried on concurrently with, the Course of Systematic Lectures, is given. In this Course each Student performs the more elementary experiments in connection with the physiology of the circulation, the organs of special sense, muscle, and nerve. He is taught the chemical manipulations which are of especial importance in connection with clinical work, and also the methods of using the important physiological instruments. A separate portion of the Course is devoted to Practical Histology.

October to March—Tuesday and Friday, 11–1.

3. ADVANCED PHYSIOLOGY.

J. S. EDKINS, M.A., M.B.

A Course of Experimental Lectures commences in January, and is adapted for Students proceeding to the M.B. Degrees, and First F.R.C.S. in the Summer Session.

April to May—Tuesday, 2 P.M.; Wednesday, 10 A.M.

Practical work follows the Lectures on Tuesday and Wednesday.

A similar Course commences in May, and is continued in October.

April to July—Tuesday and Friday at 12 o'clock.

Practical work in connection on Tuesday afternoon at 2.30.

These Courses are arranged in conjunction with the Advanced Anatomy Courses.

4. ADVANCED PRACTICAL PHYSIOLOGY.

Advanced Class in Practical Physiology, designed to meet the requirements of Students working for the Intermediate M.B. Examinations of Oxford, Cambridge, and London, and for the First F.R.C.S., are held by the Demonstrators and Junior Demonstrator on Tuesdays, from 3 to 5, and Wednesdays, 11 to 1, October to March. There is also a Practical Class at 2.30 on Tuesdays, April to July.

HOURS OF ATTENDANCE.

(Including Advanced Classes.)

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Dr. EDKINS . . .	10-4	10-4	10-4	10-4	10-4	10-1
Dr. LANGDON BROWN .	11-4	11-4	11-4	11-4	11-4	11-1
Dr. BAINBRIDGE . .	11-4	11-4	11-4	11-4	11-4	11-1

5. TUTORIAL CLASSES.

Special Tutorial Classes are held each three months for Students preparing for the various Professional Examinations. The instruction in these Classes is chiefly individual and catechetical. In connection with these Classes frequent "Test Examinations," both written, oral, and practical, are held in order to thoroughly familiarise every individual Student with the "ordeal" of Examinations.

Special Systematic and Practical Classes for the Advanced Examinations in Anatomy and Physiology

(1st F.R.C.S. Eng., Inter. M.B. Lond., 1st M.B. Oxon., and 2nd M.B. Cantab.).

The following Special Courses of Instruction have been designed to meet the requirements of Students preparing for the above Examinations:

I.—1st F.R.C.S. Eng., in May or November.

Course 1.—JANAURY to MAY.
Course 2.—MAY to JULY, and SEPTEMBER to NOVEMBER.

Tues.	Wed.	Thurs.	Fri.		
12—1 .	1—2 .	— .	12—1	SPECIAL CLASS—ANATOMY.	
2—3 .	— .	— .	—	LECTURE ON SPECIAL SUBJECT	PHYSIOLOGY.
1—2 .	— .	12—1 .	1—2	SPECIAL CLASS	
3 .	11 .	— .	2	SPECIAL PRACTICAL	

II.—M.B. EXAMINATIONS.

Course 1.—JANUARY to MARCH, and MAY to JULY.
Course 2.—OCTOBER to JANUARY.

Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		
— .	1—2 .	— .	12—1 .	1—2 .	—	SPECIAL CLASS.	
1—2.	— .	— .	12—1 .	— .	11—12	ANATOMY.	
— .	2—3 .	— .	—	12—1.	—	LECTURE ON SPECIAL SUBJECT	PHYSIOLOGY.
— .	3 .	11 .	— .	— .	—	PRACTICAL	

Students who have not already attended the ordinary Lectures in Anatomy at the Hospital are advised to do so; in Physiology, in addition to the above Courses, Advanced Students are advised to attend the ordinary experimental Lectures.

DEPARTMENT OF MATERIA MEDICA, PHARMACOLOGY, AND THERAPEUTICS.

Lecturer on Materia Medica, Pharmacology and Therapeutics.

JAMES CALVERT, M.D., B.Sc., B.A. (Lond.), F.R.C.P.

Demonstrator of Pharmacology.

F. A. BAINBRIDGE, M.D. (Cantab.), M.R.C.P.

COURSES OF INSTRUCTION.

1. LECTURES ON MATERIA MEDICA, PHARMACOLOGY AND THERAPEUTICS.

BY

JAMES CALVERT, B.A., B.Sc., M.D. Lond.,

Fellow of the Royal College of Physicians. Assistant Physician to the Hospital.

The Course includes Lectures on Materia Medica and on the Action of Medicinal agents on the Body in Health and Disease.

April to July—Monday at 11.15, Wednesday at 9, Thursday at 11.

2. MATERIA MEDICA AND PHARMACOLOGY.

Demonstrations in Materia Medica and Pharmacology, suitable for the various M.B. examinations, are given from April to July and again from October to Christmas.

3. PRACTICAL PHARMACY.

Classes are held daily throughout the year in the Pharmaceutical Laboratory of the Hospital Dispensary. These classes include the making up of prescriptions and the chief examples of incompatibility are illustrated.

The Museum, containing all the substances described in the Pharmacopœia and Plates of Officinal Plants, is open daily, and from time to time demonstrations on specimens are given there.

DEPARTMENT OF BIOLOGY AND COMPARATIVE ANATOMY.

Lecturer on Biology.
T. W. SHORE, M.D., B.Sc. (Lond.)

Demonstrator.
T. W. SHORE, M.D., B.Sc. (Lond.)

Assistant Demonstrators.
K. S. WISE, B.Sc.
E. M. WOODMAN.

COURSES OF INSTRUCTION.

1. LECTURES ON COMPARATIVE ANATOMY

BY

THOMAS W. SHORE, M.D., B.Sc. (Lond.),
Lecturer on Biology and Comparative Anatomy to the Hospital.

These Lectures will include a consideration of the following topics :—

1. The general characters of Vertebrated Animals.
2. The structure and life-history of *Amphioxus*.
3. The details of Anatomy of the Skeleton and of the Digestive, Circulatory, Respiratory, Nervous, Excretory, and Generative Systems of *Vertebrata* as illustrated by *Scyllium*, *Rana*, and *Lepus*.
4. Nature, origin, and varieties of Ova and Spermatozoa. Maturation of the Ovum—Fertilisation. The process of segmentation of the Ovum, and formation of the primary cell-layers in *Amphioxus*, Frog, Chick, and Rabbit. The Notochord, protovertebræ, cœlom, gill arches, and slits. The Amnion, Allantois, Chorion, and Placenta—varieties of placentæ. The Development of the Circulatory, Respiratory, Digestive, Nervous, and Genito-Urinary Systems of *Amphioxus*, Frog, Chick, and Rabbit.

N.B.—These Lectures are free to Students in the Preliminary Scientific Department.

April to July—Tuesday and Thursday, at 2.

2. PRACTICAL EMBRYOLOGY (HUMAN AND COMPARATIVE).

Courses of instruction in practical Embryology intended for those working for Higher Examinations (Primary F.R.C.S., &c.) are given during the Winter and Summer Sessions by the Lecturer on Comparative Anatomy and Biology.

3. ZOOLOGY.

Special arrangements will be made for Students desiring to take Honours in Zoology at the Preliminary Scientific or the B.Sc. Examinations of the University of London.

4. LECTURES ON BIOLOGY.

These Lectures include the consideration of the Elementary Principles of Biology, such as:—

1. The chemical composition and properties of protoplasm; the structure and properties of cells; cell-division; the general outlines of the varieties of cell structure in the tissues of animals and plants.

2. The structure and life-history of *Amœba*, *Paramœcium*, *Protococcus*, and *Spirogyra*, as illustrative of:—

(*a*) The difference between plants and animals.

(*b*) The general phenomena of the life-history of low organisms.

3. The structure and mode of life of Saccharomyces and Bacteria; fermentation; putrefaction; modes of spread of Bacteria.

4. The general phenomena of parasitism as illustrated by the structure and life history of *Monocystis*.

5. The relations between multicellular and unicellular animals, as illustrated by a comparison of the structure, physiology, and life-history of *Hydra* and *Amœba*.

6. The *Cœlomata-Invertebrata*, as illustrated by the anatomy of *Lumbricus*.

7. The *Cœlomata-Vertebrata*, as illustrated by a comparison of the general characters of the skeleton, and of the digestive, circulatory, respiratory, genito-urinary, and nervous systems of the dog-fish and the frog. Metamorphosis of the frog.

8. The structure of ova and spermatozoa; fertilisation; the early stages of development: the formation of the segmentation-cavity, of the gastrula archenteron and cœlom, and of the epiblast, mesoblast, and hypoblast, with an enumeration of the chief systems of organs derived from the three layers in a Vertebrate.

October to March—Tuesday and Thursday, at 2.

5. PRACTICAL BIOLOGY.

Students are arranged in Classes and dissect and microscopically examine, under the direction of the Demonstrator and Assistant-Demonstrators, the more important of the types of animal and vegetable life. This practical work is carried on in the Biological Laboratory, which is open daily for the use of Students in other than class hours.

October to March—Wednesday and Friday, at 11 A.M.

6. PRELIMINARY SCIENTIFIC CLASS.

Special Classes in Animal and Vegetable Biology for the University of London Preliminary Scientific Examination are described at p. 64-65.

7. TUTORIAL CLASSES.

Revision Classes are held from time to time, to prepare for the various Examinations. Regular Test Examinations, both written and oral, are held.

DEPARTMENT OF CHEMISTRY.

Lecturer on Chemistry.
F. D. CHATTAWAY, M.A. (Oxon.), Ph.D. (Munich), D.Sc. (Lond.).

Demonstrator of Chemistry.
W. H. HURTLEY, D.Sc. (Lond.).

COURSES OF INSTRUCTION.

1. LECTURES ON INORGANIC CHEMISTRY.

These Lectures include a consideration of the Properties of Matter, Chemical Changes, the Laws of Chemical Combination, the Outlines of Chemical Theory, and the Preparation, Classification and Properties of the Principal Elements including Carbon and their more important Compounds.

October to July—Tuesday and Thursday, at 10.

The above Lectures are designed to meet the requirements of Students beginning the Study of Chemistry, including those preparing for the Examinations of the Conjoint Board, the Preliminary Scientific and Intermediate Science Examinations of the University of London, the First M.B. of Cambridge and First M.B. of Durham.

2. LECTURES ON ORGANIC CHEMISTRY.

These Lectures deal with Organic Chemistry in a systematic manner, and include those parts of the subject required by the recently revised regulations of the University of London, and the First M.B. of the University of Oxford.

October to July—Tuesday and Thursday, at 12.

PRACTICAL CHEMISTRY.

By the LECTURER.
Assisted by the DEMONSTRATOR,
W. H. HURTLEY, D.Sc. (Lond.).

1. *Elementary Class*—The work in this Class is designed to prepare Students for the *new* requirements of the Conjoint Board Lectures.

October to July—Monday, 3-5; Friday, 3-5.

2. *Practical Organic Chemistry*—In this Class instruction is given in the Methods of Organic Analysis, and Typical Examples of all Important Classes of Organic Compounds are prepared by the Students. The instruction meets the requirements of the recently revised regulations of the University of London and the first M.B. of Oxford.

October to July—Friday 10–1.

3. *Preliminary Scientific Class*—For information concerning this class, see p. 66.

D.P.H. Class—For particulars, see p. 63.

Special arrangements will be made for Students desiring to take Chemistry at the B.Sc. Examinations of the University of London.

DEPARTMENT OF PHYSICS.

Lecturer and Demonstrator of Physics.

FRED. WOMACK, M.B. (Lond.), B.Sc.

COURSES OF INSTRUCTION.

1. LECTURES ON ELEMENTARY PHYSICS.

This course of lectures and demonstrations covers the ground of the new syllabus issued for the First Examination of the Conjoint Board, in General Physics, Heat, Light and General Electricity.

October to December—Wednesday, at 10 A.M., and Friday, at 2 P.M.

2. LECTURES ON PHYSICS.

These lectures are after the first term more advanced than the preceding and are designed to meet the requirements of the new regulations of the Preliminary Scientific Examination. For further details, see p. 67.

Wednesday, at 10.
Friday, at 2.

3. PRACTICAL PHYSICS.

Wednesday, 11 to 1, and Friday, 3 to 5.

DEPARTMENT FOR PUBLIC HEALTH INSTRUCTION.

Lecturer on Public Health.
W. H. HAMER, M.D. (Cantab.), F.R.C.P.

Lecturer on Chemistry in Relation to Public Health.
F. D. CHATTAWAY, M.A., Ph.D., D.Sc.

Demonstrator of Chemistry in Relation to Public Health.
W. H. HURTLEY, D.Sc. (Lond.).

Lecturer on Physics in Relation to Public Health.
FRED. WOMACK, M.B., B.Sc.

Lecturers on Bacteriology and the Special Pathology of Preventable Diseases.
E. E. KLEIN, M.D., F.R.S.
F. W. ANDREWES, M.D. (Oxon.), F.R.C.P.

Demonstrator of Public Health.
J. K. WARRY, M.D. M.R.C.P., D.P.H.

COURSES OF INSTRUCTION.

1. LECTURES ON PUBLIC HEALTH.

BY

W. H. HAMER, M.D. (Cantab.), F.R.C.P.

GENERAL Summary of the Laws relating to Public Health. Sanitary Districts. Sanitary Authorities—Urban, Rural, and Port; their Duties. Duties of Medical Officers of Health and Inspectors of Nuisances. General Sanitary Circumstances affecting Health and Disease. Unwholesome Trades. Overcrowding, &c. Meteorology and Geology, as applied to inquiries affecting conditions of Public Health. Soil Wetness; its relation to Phthisis, &c. Vital Statistics. Arrangement and Construction of Dwellings, Hospitals, &c. Sanitary Engineering as affecting the work of the Medical Officer of Health. Sewers, Drains; their Ventilation. Sewage Disposal. Methods of Disposal of Excrement and Refuse. Water Supply. Well, Spring, and Moorland Waters. Hard, Soft, and Rain Water. Constant and Intermitting Water and River Services. Storage and Filtration of Water. Contagion. Vehicles of Infection—*e.g.*, water, milk, food, clothing, air, &c. Relation of diseases in man to those of lower animals. Measures for staying the spread of Infection; Isolation, Disinfection, Vaccination, Quarantine, &c. Medicine in its relation to the Prevention of Disease. The Etiology of the Specific Fevers and communicable Diseases. Methods of reasoning, and the nature of proof, required in Sanitary Investigations.

April to July—Tuesday, at 10.15 A.M.

2. CHEMISTRY IN RELATION TO PUBLIC HEALTH.

BY

F. D. CHATTAWAY, M.A., D.Sc., Ph.D.

From January to March, April to June, and from October to December, three times a week (hours and days to be arranged).

Syllabus.

Water.—Its chemical properties, its solvent action, and the effects of different substances in solution.—Waters from different sources, and their suitability and unsuitability for different purposes.—Qualitative and quantitative examination of different waters.—Estimation and examination of the solid matter in solution and in suspension.—The colour and odour of waters.—Determination of free and albuminoid ammonia, of chlorides, nitrates, and of temporary and permanent hardness.—The reducing action of impure waters on potassium permanganate.—Qualitative examination for nitrites, sulphates, phosphates, &c.—Clark's process for the softening of water.—Other methods used for the purification of water, and for its filtration.—The interpretation and value of the foregoing determinations.

Air.—Its composition and the changes which it undergoes under different conditions.—Methods of analysis and examination of its purity.—Quantitative determination of the carbon dioxide in air.

Foods.—The chemical composition and properties of important food-stuffs, such as milk, butter, sugar, tea, bread, alcoholic liquids, and methods for their analysis and determination of their purity.

Sewage.—Chemical methods for treating sewage.—Irrigation.

Antiseptics and Disinfectants.—Their nature, and the methods of employing them.

3. PHYSICS IN RELATION TO PUBLIC HEALTH.

BY

F. WOMACK, M.B.

From January to March and April to June, once a week (days and hours to be arranged).

Syllabus.

Heat.—Temperature and its measurement.—Exposition of bodies by rise of temperature. Boyle's law.—Specific and latent heat.—Formation of snow and rain.—Freezing mixtures.—Conduction and convection of heat.—Methods of heating by steam, water, and hot air.—Estimation of speed of air currents.—Ventilation.—Schemes of ventilation in buildings.—Winds.—Evaporation.—Ebullition.—Pressure of aqueous vapour.—Determination of the humidity of the air.—Estimation of rainfall.—Radiation of heat.—Absorption of heat by the atmosphere.

Hydrostatics, Hydrodynamics.—General properties of liquids. Determination of specific gravities.—Hydrometers, lactometers, urinometers.—Barometric pressure.—Distributions of barometric pressure, cyclones, and anti-cyclones.—Instruments depending on atmospheric pressure, pumps, and syphons.—Diffusion, dialysis.—Velocity of flow of water through tubes, and its relation to pressure, diameter of tube, &c.

4. BACTERIOLOGY AND THE SPECIAL PATHOLOGY OF PREVENTABLE DISEASES, WITH GENERAL MICROSCOPY.

BY

E. E. KLEIN, M.D., F.R.S, AND F. W. ANDREWES, M.D., F.R.C.P.

From January to March, from April to June, and from October to December, on three days a week (days and hours to be arranged).

Syllabus.

(*a*) *Bacteriology.*—The practical course in bacteriology includes (1) the elementary course (*see* pp. 42 and 43), followed by (2) the bacteriological examination of water (quantitative and qualitative), of air, soil and food.—The practical testing of disinfectants, including heat, and the testing of filters.

(*b*) *General Microscopy.*—Microscopical characters of the constituents of food, *e.g.*, starch, muscle fibre, &c.—Microscopical characters of the fibres of clothing, *e.g.*, silk, linen, wool, &c.—Microscopical examination of the constituents of dust and of deposits from water.

5. GENERAL PUBLIC HEALTH.

Practical study for six months of the duties, routine and special, of Public Health Administration, under the supervision of Dr. J. King Warry, D.P.H., Medical Officer of Health, Tutor in Public Health.

PRELIMINARY SCIENTIFIC DEPARTMENT.

Lecturer and Demonstrator on Biology.
T. W. SHORE, M.D., B.Sc. (Lond.).

Assistant Demonstrators of Biology.
K. S. WISE, B.Sc.
E. M. WOODMAN.

Lecturer and Demonstrator on Chemistry.
F. D. CHATTAWAY, M.A. (Oxon.), Ph.D. (Munich), D.Sc. (Lond.).

Demonstrator of Chemistry.
W. H. HURTLEY, D.Sc. (Lond.).

Lecturer on Physics.
FRED. WOMACK, M.B. (Lond.).

THE instruction given in this department has been remodelled to meet the requirements of the new regulations at the University of London, and comprises full and systematic courses of instruction in Biology (Zoology and Botany), Chemistry, and Physics. The course given in each subject includes practical laboratory work as well as lectures, and each student receives individual attention. The course meets the requirements of Students working for the Preliminary Scientific Examination for Internal and for External Students ; and is suitable also for those preparing for the Intermediate Science Examination, and for the First M.B. of Cambridge and of Durham Universities. The work begins in October and continues till July, written and practical examinations being regularly held to test the Student's progress.

Arrangements are made to meet the wants of all Students. Those who matriculate in June or September should give a whole academical year to the Preliminary Scientific by joining in October, and presenting themselves for examination in the following July. Those who matriculate in January should enter immediately afterwards and take one part of the Preliminary Scientific Examination in July, completing it in the succeeding January, or *better*, may devote longer time to the work and take the whole Examination in the July of the following year. Special arrangements are made for those who wish to enter for examination in January. Students should seek advice from the Lecturer on Biology as to the exact course of Study to pursue.

The examination in Organic Chemistry may be passed at any period after completing the examination in Inorganic Chemistry, but not later than one year previous to the Intermediate Examination in Medicine.

The subjects treated of in the Lectures and Laboratory Work are as follows :—

ANIMAL BIOLOGY.

BY

THOMAS W. SHORE, M.D., B.Sc. Lond.,

Lecturer on Biology and Comparative Anatomy to the Hospital.

The fundamental facts and laws of Biology, as exhibited by types selected from the larger classes of the Animal Kingdom.

The Lectures will include a consideration of the general structure and physiology of selected types, as well as the following topics: (1) the chief Biological Laws which the structural phenomena illustrate; (2) the phenomena of Sexual and Asexual Reproduction, of Parthenogenesis, Heredity, and Variation; (3) the structure and properties of the Cell, and the general characters of the Tissues, including Epithelia, Blood, Lymph, Nervous, Muscular, Connective, and Skeletal Tissues; (4) the Segmentation of the Ovum in *Amphioxus*, the Frog, Fowl, and Rabbit; the metamorphosis of the Frog; and the development of the Fowl as far as the fourth day of incubation, treated in an elementary way; (5) the phenomena of parasitism.

VEGETABLE BIOLOGY.

By T. W. SHORE, M.D., B.Sc. Lond.

The elements of the Morphology and Physiology of the Flowering Plant (both Angiospermous and Gymnospermous). The leading modifications in the structural plan of the Flower as illustrated by types selected from the common British Natural Orders. The leading types of Fruits. The modes of dispersal of Seeds.

The structure and properties of the Cell; the various modes of Cell-formation. The anatomy of Foliar Organs, Stems, and Roots; the histology and development of the Tissues of which these are composed; the functions of these Organs and Tissues.

The minute structure and the development of the reproductive organs of Angiosperms and Gymnosperms. The phenomena of Pollination and Fertilisation; the development of the Embryo; the formation, structure, and germination of the Seed.

The life-history of the Flowering Plant, and of *Selaginella*, a Fern, *Vaucheria*, *Fucus*, *Spirogyra*, *Protococcus*, *Agaricus*, *Penicillium*, *Mucor*, *Pythium*, *Saccharomyces* and Bacilli.

PRACTICAL BIOLOGY.

By THE LECTURER,

Assisted by K. S. WISE, B.Sc. (Lond.), and E. M. WOODMAN.

The Types of Animal and Vegetable Life dealt with in the lectures are dissected and examined, microscopically and otherwise, by each Student.

The animals and plants are provided free of cost, but Students have to provide their own apparatus.

The Laboratory is also open for work in other than class hours.

CHEMISTRY.

BY

F. D. CHATTAWAY, M.A., D.Sc., Ph.D.,
Lecturer on Chemistry to the Hospital.

A course of Lectures illustrated by experiments on Inorganic, Theoretical, and Organic Chemistry will be given during the Winter and Summer Sessions. These Lectures will be delivered twice a week, on Tuesdays and Thursdays, at 10 A.M., and will deal with all the subjects required by the New Regulations of the University of London for the Preliminary Scientific and Intermediate Science Examinations. They are also suitable for Students taking the first M.B. Examination of the Universities of Cambridge and Durham.

ORGANIC CHEMISTRY.

A course of Lectures on ORGANIC CHEMISTRY will be given during the Winter and Summer Sessions. These lectures will be delivered twice a week, on Tuesdays and Thursdays, at 12 noon, and will cover the syllabus of the examination in Organic Chemistry for Students who have passed the Preliminary Scientific of the University of London.

TUTORIAL CLASS.

A TUTORIAL CLASS will be held for the January Preliminary Scientific Examination.

PRACTICAL CHEMISTRY.

By THE LECTURER, F. D. CHATTAWAY, D.Sc., Ph.D., M.A.

Assisted by W. H. HURTLEY, D.Sc.

A complete course of practical instruction in Inorganic and Organic Chemistry is given during the Winter and Summer Sessions.

The course includes all that is required by the new regulations of the University of London for the Preliminary Scientific and Intermediate Science Examinations, and for the examination in Organic Chemistry.

The instruction is also suitable for Students taking the first M.B. of the Universities of Cambridge and Durham.

In the Laboratory each Student works as far as possible independently.

Students who have passed the Preliminary Scientific and wish to take the Examination in Organic Chemistry in July 1905 should join the Class at the beginning of the Winter Session.

PHYSICS.

BY

F. WOMACK, M.B., B.Sc. (Lond.),

Lecturer on Physics to the Hospital.

A complete course of Lectures and practical work is given throughout the Session covering the curriculum for Internal Students of the University, taking the Preliminary Scientific or Intermediate Sciences Examination. Simple quantitative experiments are performed involving the employment of Physical Apparatus used in connection with the principal subdivisions of the subject. This class is also suitable for Students working for the 1st M.B. of Cambridge or Durham.

The Preliminary Scientific Class meets as follows:—

	M.	Tu.	W.	Th.	F.	S.
Biology	2	2	—	2	—	10
Practical Biology . .	3–5	3–5	—	3–5	—	—
Chemistry . . .	—	10	—	10	—	—
Practical Chemistry .	—	11–1	—	11–1	11–1	—
Organic Chemistry .	—	12	—	12	—	—
Practical Organic Chemistry .	—	—	—	—	10–1	—
Physics	—	—	10	—	2	11
Practical Physics . .	—	—	11–1	—	3–5	—

Times of Attendance in the Wards of the Physicians and Surgeons.

	Mon.	Tu.	Wed.	Thurs.	Fri.	Sat.
Dr. GEE	—	1.30	—	1.30	—	1.30
Sir DYCE DUCKWORTH	1.30	1.30	—	2.30	1.30	1.30
Dr. NORMAN MOORE	1.30	1.30	1.30	—	1.30	1.30
Dr. SAMUEL WEST	1 30	3	—	1 30	3	1.30
Dr. ORMEROD	1.30	1.30	—	1.30	1.30	—
Mr. LANGTON	1.30	1.30	1.30	1.30	1.30	1.30
Mr. CRIPPS	1.30	1.30	2	1.30	1.30	—
Mr. BRUCE CLARKE	1.30	1.30	2	1.30	1.30	—
Mr. BOWLBY	1.30	—	1.30	1.30	1.30	—
Mr. LOCKWOOD	2	2	—	2	2	—
Dr. CHAMPNEYS	2	—	2	—	2	—
Mr. JESSOP	—	2	2	—	2	—
Mr. HOLMES SPICER	—	2	—	11	2	—

Times of Attendance of the Assistant-Physicians, Assistant-Surgeons and Assistant Dental Surgeons at the Out-Patients' Rooms and in the Casualty Department.

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Dr. HERRINGHAM	—	1.30	—	—	1.30	—
Dr. TOOTH	1.30	—	—	1.30	—	—
Dr. GARROD	—	—	1.30	—	—	1.30
Dr. CALVERT	—	9	—	9	—	9
Dr. MORLEY FLETCHER	9	—	9	—	9	—
Mr. D'ARCY POWER	1.30	—	—	1.30	—	—
Mr. WARING	—	1.30	—	—	1.30	—
Mr. ECCLES	—	—	1.30	—	—	11
Mr. BAILEY	9	9	—	9	—	—
Mr. HARMER	—	—	9	—	9	9
Mr. ACKLAND	—	—	—	9	9	9
Dr. AUSTEN	9	9	9	—	—	—

Times of Attendance of the Physicians and Surgeons for Out-Patients' Special Departments, and of the Dental Surgeons and the Medical Officer in Charge of the Electrical Department.

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Mr. ECCLES	1.30	—	—	—	—	—
Mr. CUMBERBATCH	—	2	—	—	2	—
Mr. HARMER	—	2	—	2	—	—
Dr. ORMEROD	—	9	—	—	9	—
Mr. JESSOP	—	—	2.30	—	2.30	—
Mr. HOLMES SPICER	9	—	—	9	—	—
Dr. GRIFFITH	—	—	9	—	—	9
Dr. GARROD	9.30	—	—	—	—	—
Dr. MORLEY FLETCHER	—	—	9.30	—	—	—
Dr. LEWIS JONES	1.30	1.30	—	1.30	1.30	—
Mr. PATERSON	—	—	—	—	9	—
Mr. ACKERY	—	9	—	—	—	—
Mr. ACKLAND	—	—	—	—	9	—
Dr. AUSTEN	—	9	—	—	—	—

Time-Table of Operations.

	OLD THEATRE.	NEW THEATRE.
Monday	1.30 p.m., Mr. HARRISON CRIPPS.	1.30 p.m., Mr. LANGTON.
Tuesday	1.30 p m., Mr. LOCKWOOD. After Mr. Lockwood, Mr. HARMER.	1.30 p.m., Mr. BRUCE CLARKE.
Wednesday	1.30 p.m., Mr. LANGTON.	1.30 p.m., Mr. WARING.
Thursday	1.30 p.m., Consultations. After Consultations, Mr. BOWLBY. Mr. D'ARCY POWER.	11 a.m., Mr. ECCLES. 2.30 p.m., Mr. BAILEY. 4 p.m., Mr. BRUCE CLARKE.
Friday	1.30 p.m., Mr. BOWLBY.	1.30 p.m., Mr. LOCKWOOD. After Mr. Lockwood, Mr. HARMER.
Saturday		

Abdominal Sections for Ovariotomy, &c., are performed by Mr. Cripps in the Martha Operating Theatre, on Wednesdays, at 2 P.M. Operations on the Eye are performed on Tuesdays and on Fridays, at 2 P.M., in the Ophthalmic Theatre. Operations in Electrical Department Thursdays, 1.30 P.M.

DAYS AND HOURS OF ATTENDANCE ON LECTURES AND DEMONSTRATIONS.

WINTER SESSION—(Oct. to March).

	Mon	Tues.	Wed.	Thurs.	Fri.	Sat.
Descriptive and Surgical Anatomy	...	9	9	9	9	...
Chemistry	...	10	...	10	...	...
Pathology	...	10	...	10	...	...
Physics—Oct. to 'Xmas.	...	...	10	...	2	...
Dissections and Demonstrations	8–5	8–5	8–5	8–5	8–5	8–1
General Anatomy and Physiology	...	10	10	...	10	...
Practical Physiology	...	11–1 or 2–4	10	...	11–1 or 2–4	...
Biology	2	2	...	2	...	10
Practical Biology	...	...	11	...	11	...
Medicine (Oct. to Jan.)	3.30	3.30	...	3.30	...	...
Medicine (Jan. to April)	...	3.30	3.45	...	3.30	...
Clinical Medicine	...	...	...	...	1	...
Surgery (Oct. to Dec.)	...	...	3.30	12.45	3.30	...
Surgery (Jan. to Mar.)	...	12.45	12.45	...	12.45	...
Clinical Surgery	...	...	2.45	...	...	...
Clinical Obstetric Medicine (Oct.–Dec.)	...	...	...	9*	...	...
Practical Chemistry	3–5	...	...	...	3–5	...
Practical Surgery	4.30	...	...	4.30	...	...
Opthalmoscopic Demonst. (Oct. to Dec.)	...	...	...	12	...	...
Opthalmoscopic Demonst. (Jan. to April)	3.30	...	...	...	...	...
Demonstrations on Morbid Anatomy (Medical)	...	...	...	...	11	...
Demonstrations on Morbid Anatomy (Surgical)	...	...	10.15	...	...	...
Morbid Anatomy (Microscopic)	...	...	...	...	4.15	...
Special Subject Lecture	1	...	...	...	...	...
Anæsthetics Demonstration	...	...	...	...	12	...
Operative Surgery	4.15	4.15	4.15	4.15	4.15	9

* *Oct. to Christmas.*

Post-mortem Examinations—Medical at 12.30 P.M.; Surgical at 1.45 P.M.

(The days and hours of the classes held by the Demonstrators and Junior Demonstrator of Practical Medicine, by the Instructors in the Administration of Anæsthetics, by the Demonstrator of Midwifery, and by the Dental Surgeons, and of the Tutorial Classes, are announced by notice at the beginning of each three months.)

DAYS AND HOURS OF ATTENDANCE ON LECTURES AND DEMONSTRATIONS.

SUMMER SESSION—(April to July).

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Pharmacology and Therapeutics	11.15	...	...	11	...	...
Chemistry	...	10	...	10	...	...
Materia Medica	...	...	9	...	...	...
Forensic Medicine	10	...	10	...	10	...
Public Health	...	10.15	...	...	...	...
Comparative Anatomy	...	2	...	2	...	...
Midwifery	...	9	9	9	9	9
Clinical Medicine	...	...	...	...	1	...
Clinical Surgery	...	...	2.45	...	...	...
Ophthalmic Surgery	3.30	...	...	3.30	...	...
Ophthalmoscopic Demonstrations	...	...	...	12	...	...
Mental Diseases	...	...	11.30	...	...	...
Practical Chemistry	3-5	...	...	...	3-5	...
Practical Pharmacy	...	...	11-1	...	...	11-1
Practical Surgery	3.30	...	...	3.30	3.30	11.15
Physiology	...	12	...	...	12	...
Practical Histology	...	2.30	...	...	2.0	...
Morbid Anatomy (Medical)	...	...	...	...	11.15	...
Morbid Anatomy (Surgical)	...	...	...	10.15	...	...
Bacteriology	...	...	...	...	10.15	...
Special Subject Lecture	1	...	...	...	...	...
Anæsthetics (Demonstration)	...	...	...	...	12	...
Operative Surgery	4.15	4.15	4.15	4.15	4.15	9

Post-mortem Examinations—Medical at 12.30 P.M.; Surgical at 1.45 P.M.

(*The days and hours of the classes held by the Demonstrators and Junior Demonstrator of Practical Medicine, by the Instructors in the Administration of Anæsthetics, by the Demonstrator of Midwifery, and by the Dental Surgeons, and of the Tutorial Classes are announced by notice at the beginning of each three months.*)

FEES.

A.—ANNUAL COMPOSITION FEES FOR ENTIRE COURSE OF STUDY.

By the payment of a Composition Fee, a Student is entitled to attend all the appropriate Courses of Instruction required by the various examining bodies and to hold the various Clinical Appointments which are described in detail in the earlier parts of the Handbook.

1. FOR STUDENTS COMMENCING THEIR MEDICAL STUDIES:

Entrance Fee . . . 30 Guineas.
Annual Fee . . . 30 Guineas.

The Entrance Fee is payable by all Students at the commencement of their Anatomical and Physiological Studies.

The Annual Fee is payable for the Five Years of the Medical Curriculum. A Student on qualification at the end of the Five Years is not liable for any further Fees, and receives a Perpetual Ticket. Should he fail to qualify in this time the Fee for further Instruction and Attendance on Hospital Practice is £10 10s. for six months.

2. THIRD YEAR STUDENTS, AND UNIVERSITY STUDENTS:

Entrance Fee . . . 20 Guineas.
Annual Fee . . . 30 Guineas.

These Fees are payable by all Students who have passed an Examination completing their Anatomical and Physiological Studies, such as the First M.B. Oxford, the Second M.B. Cambridge, Durham, or Victoria, the Intermediate M.B. London, or the Second Examination of the Conjoint Board M.R.C.S. and L.R.C.P.

The Annual Fee is payable for Two Years. A Student on qualification at the end of Two Years is not liable for any further Fees, and receives a Perpetual Ticket. Should he fail to qualify in this time the Fee for further Instruction and Hospital Practice is £10 10s. for six months.

3. PRELIMINARY SCIENTIFIC STUDENTS:

Annual Fee . . . 20 Guineas.

For a further period of Six Months, 12 Guineas.

B.—FEES FOR HOSPITAL PRACTICE

(For Students entering from other Hospitals and Medical Schools).

The following Fees have been arranged for Students who wish to attend the Practice of the Hospital, but do not wish to attend the Systematic Courses of Lectures, Demonstrations, or Practical Classes.

In all cases the Fees for Hospital Practice include Attendance on Clinical Lectures, Post-Mortem Examinations, and the Tutorial Revision Classes for Students preparing for the Final Examinations.

MEDICAL PRACTICE.		SURGICAL PRACTICE.	
Three Months .	12 Guineas.	Three Months	12 Guineas.
Six Months . .	20 ,,	Six Months . .	20 ,,
Twelve Months .	30 ,,	Twelve Months .	30 ,,
Perpetual . .	35 ,,	Perpetual . .	35 ,,

MEDICAL AND SURGICAL PRACTICE.

Three Months . .	20 Guineas.	Twelve Months	40 Guineas.
Six Months . . .	30 ,,	Perpetual . .	70 ,,

Fee for Members of Royal Naval Medical Service, Royal Army Medical Corps, and of Indian Medical Service (who are not perpetual Students of the Hospital) 7 guineas 3 months; or 10 guineas six months. This includes attendance on Medical and Surgical Practice, Special Departments, Clinical Lectures and Tutorial Classes.

C.—FEES FOR SPECIAL COURSES AND SEPARATE CLASSES OR CLINICAL APPOINTMENTS

(For Students entering from other Hospitals and Medical Schools)

MEDICINE.
Lectures, £7 7s.
Practical Medicine, £5 5s.
Tutorial Class, £5 5s.

SURGERY.
Lectures, £7 7s.
Practical Surgery, £7 7s.
Operative Surgery, £6 6s.
(Elementary Class), £1.
Tutorial Class, £5 5s.

MIDWIFERY AND DISEASES OF WOMEN.
Lectures, £7 7s.
Practical Midwifery, £5 5s.
Tutorial Class, £5 5s.
@ Special Department Fee, £7 7s. for Three Months, £12 12s. for Six Months.

PATHOLOGY.
Lectures, £7 7s.
Advanced Bacteriology, £3 3s.
Chemical Pathology Lectures, £3 3s.
Practical Morbid Histology, £5 5s.
Practical Pathology and Clinical Pathological Methods, £5 5s.
Practical Bacteriology, £3 3s.
Morbid Anatomy, £5 5s.
Advanced Class in Clinical Pathological Methods, £5 5s.
Tutorial Classes, £5 5s.

DISEASES OF THE EYE.
Lectures, £3 3s.
Ophthalmoscopic Demonstrations, £2 2s.
@ Special Department Fee, £7 7s. for Three Months, £12 12s. for Six Months.

DISEASES OF THE EAR.
@ Special Department Fee, £5 5s. for Three Months, £8 8s. for Six Monihs.

DISEASES OF THE LARYNX.
@ Special Department Fee, £5 5s. for Three Months, £8 8s. for Six Months.

ORTHOPÆDIC SURGERY.
@ Special Department Fee, £5 5s. for Three Months, £8 8s. for Six Months.

DISEASES OF THE SKIN.
@ Special Department Fee, £5 5s. for Three Months, £8 8s. for Six Months.

MEDICAL ELECTRICITY AND ELECTRO-THERAPEUTICS.
@ Special Department Fee, £5 5s. for Three Months, £8 8s. for Six Months.

PSYCHOLOGICAL MEDICINE.
Lectures on Mental Diseases, £3 3s.
Lectures on Mental Physiology, £3 3s.

DENTAL SURGERY.
@ Special Department Fee, £5 5s. for Three Months, £8 8s. for Six Months.

The Fees for Special Departments marked thus @ include attendance on the Practice of the Department, the Clinical Lectures and Demonstrations given in connection with that Department, and also the appointment as Clinical Assistant if the Student be qualified and approved. Students wishing to attend the Practice of more than one Special Department during the same period may compound as follows:

For Two Special Departments (excluding Diseases of Women and Eye), £8 8s. for Three Months. For Two Special Departments (including Diseases of Women or Eye), £10 10s. for Three Months. For Three or more Special Departments, £12 12s. for Three Months.

FORENSIC MEDICINE.
Lectures, £4 4s.
Practical Toxicology, £3 3s.

ANATOMY.
Lectures, £9 9s.
Dissections, £5 5s. for Three Months, £9 9s. for Six Months.
Advanced Anatomy, £5 5s.
Tutorial Class, £5 5s.

GENERAL ANATOMY AND PHYSIOLOGY.
Lectures, £9 9s.
Practical Physiology,
£5 5s. for Three Months,
£9 9s. for Six Months.
Advanced Practical Physiology, £5 5s.
Tutorial Classes, £5 5s.

MATERIA MEDICA AND PHARMACOLOGY.
Lectures, £7 7s.
Practical Pharmacy, £3 3s.

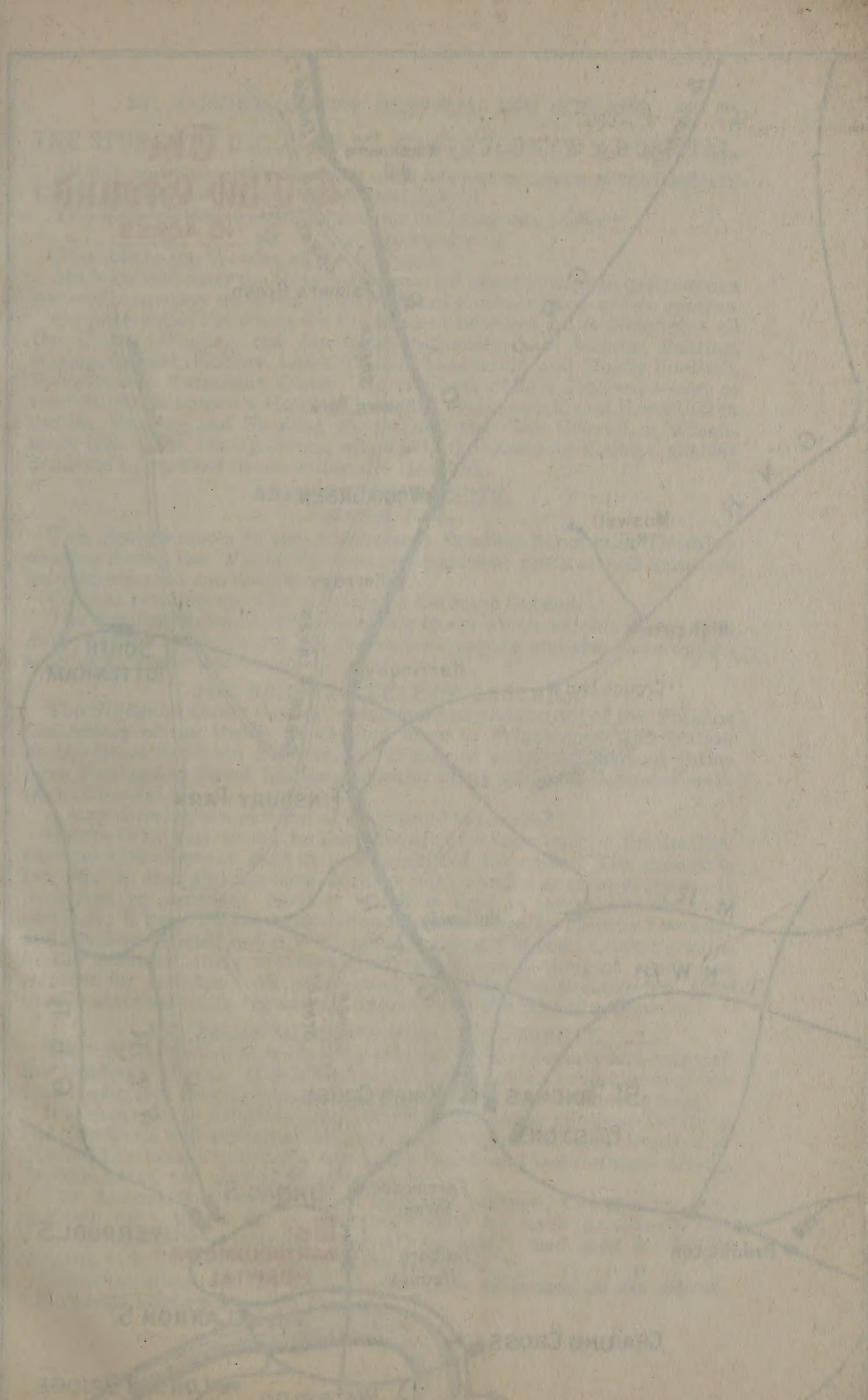
BIOLOGY AND COMPARATIVE ANATOMY.
Comparative Anatomy, £3 3s.
Biology Lectures, £1 7s.
Practical Biology, £5 5s.
Embryology, £3 3s.
Tutorial Class, £5 5s.

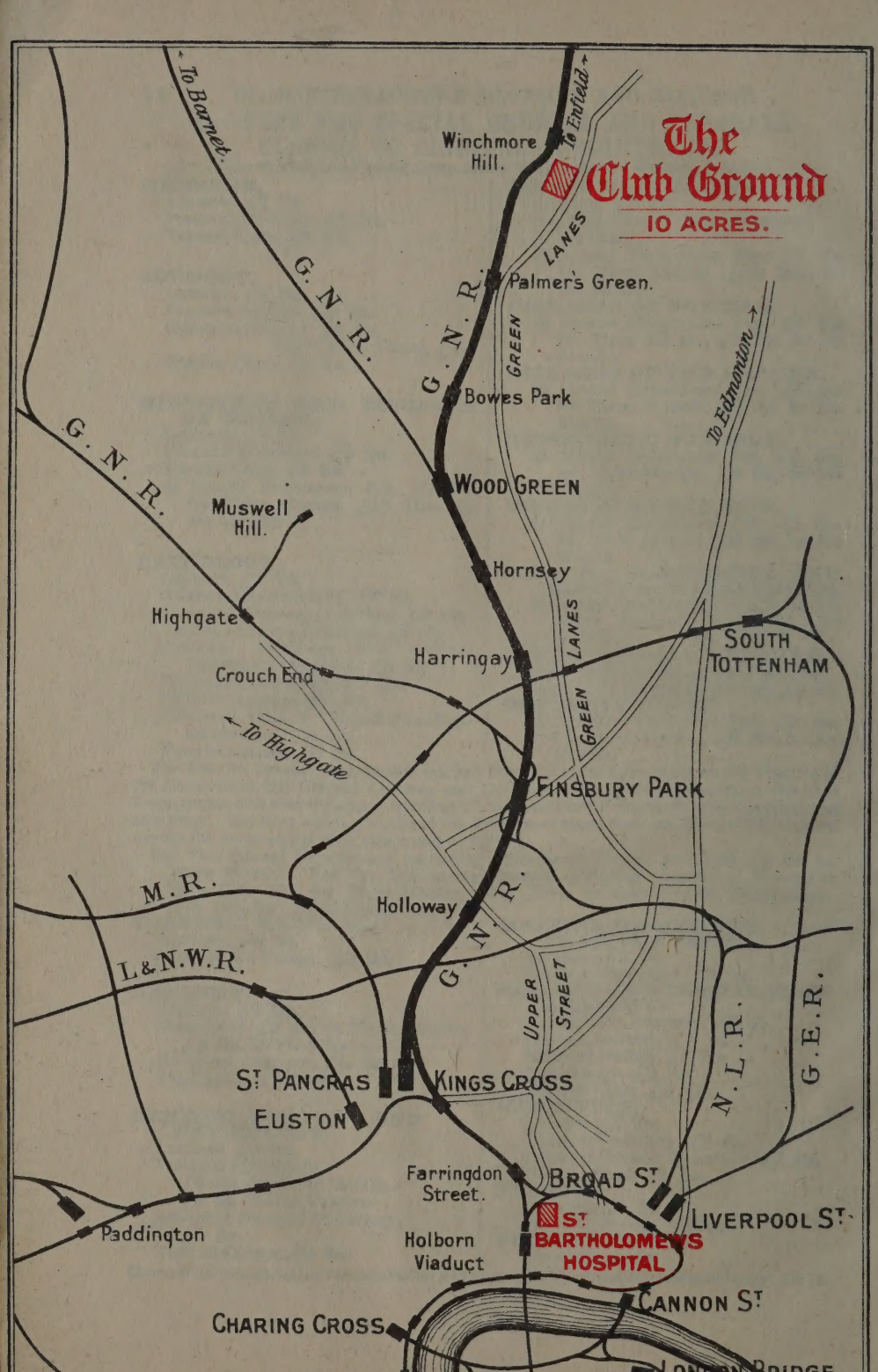
CHEMISTRY.
Lectures, £7 7s.
Practical Chemistry, £5 5s.
Practical Organic Chemistry, £3 3s.
Tutorial Class, £5 5s.

PHYSICS.
Lectures, £5 5s.
Practical Physics, £3 3s.

PUBLIC HEALTH.
Lectures, £5 5s.

Course of Laboratory Instruction required for a Diploma in Public Health (including Materials), £15 15s




The
Club Ground
10 ACRES.
To Barnet.
To Enfield.
Winchmore Hill.
G.N.R.
GREEN LANES
Palmer's Green.
Bowes Park
To Edmonton.
WOOD GREEN
Muswell Hill.
Hornsey
Highgate
Harringay
Crouch End
SOUTH TOTTENHAM
To Highgate
FINSBURY PARK
M.R.
Holloway
L&N.W.R.
UPPER STREET
N.L.R.
G.E.R.
St PANCRAS
KINGS CROSS
EUSTON
Farringdon Street.
BROAD St
LIVERPOOL St
Paddington
Holborn Viaduct
St BARTHOLOMEWS HOSPITAL
CANNON St
CHARING CROSS

THE STUDENTS' UNION OF ST. BARTHOLOMEW'S HOSPITAL.

All full, and University Students must become members of the Students' Union on their entrance to the Medical School.

The Subscription is ~~eight~~ guineas for full Students.

" " six " University "

(Payable to the Warden of the College.)

Students who enter the Hospital for a period of not more than one year can become temporary members on payment of a subscription of two guineas.

On payment of the above fee the Student becomes a Life Member of all the Clubs, including the Abernethian Society, the Athletic, Boating, Boxing, Cricket, Hockey, Lawn Tennis, Association and Rugby Football, Shooting and Swimming Clubs. He receives, while a Student, a copy of the "St. Bartholomew's Hospital Journal," every month, and is entitled to use the Reading and Smoking Rooms, and the Club Ground, at Winchmore Hill. The Dining Room, which is in the Resident College, enables Students to get their meals within the Hospital.

ABERNETHIAN SOCIETY.
Founded 1795.

This Society meets in the Abernethian Reading Room each Thursday evening during the Winter Session, and papers of medical and scientific interest are read and discussed.

Clinical evenings are also held during the same Session.

The Reading Room, and the Smoking Room which adjoins it, are open daily, so that Students can see the various papers and also have opportunities for social intercourse.

THE UNION RECREATION GROUND.

The Students' Union Ground which is under the control of the Finance Committee of the Union, is situated close to Winchmore Hill Station on the Great Northern Railway, and is easy of access by frequent trains from Farringdon Street Station, the latter being within five minutes' walk of the hospital.

A map showing the position of the ground is annexed.

Return tickets are issued, for the price of a fare and a quarter, for the day, to those who show the card of membership of the clubs. The ground is ten acres in area and has been drained and re-turfed at great expense ; it possesses an excellent pavilion which is kept in order by the club servants ; it provides accommodation for Association and Rugby Football, and Hockey grounds in the Winter, and makes a first-class Cricket ground in the Summer : there are also good tennis-courts, three of which are retained for matches. All members of the clubs can practise and take part in matches under regulations approved by the School authorities.

ST. BARTHOLOMEW'S HOSPITAL JOURNAL.

The " St. Bartholomew's Hospital Journal" is the property and organ of the Students' Union. It is issued monthly and has a circulation of about 1800 copies (per month) amongst past and present Bartholomew's men.

It is managed by a Publication Committee, consisting jointly of Teachers and Students, and contains Editorial and Original Articles, Reports of Clinical Lectures, Reports of Cases in the Wards and Out-Patients' rooms, Athletic notes, and general Hospita lnews.

The Annual Subscription is 5*s*., including postage ; Composition subscription for 5 years, £1 1*s*. Cheques should be made payable to the " St. Bartholomew's Hospital Journal Account," and sent to W. E. Sargant, M.R.C.S., the Manager, at the Hospital.

Communications for the Journal should be addressed to the Editor, " St. Bartholomew's Hospital Journal."

JUNIOR STAFF OF ST. BARTHOLOMEW'S HOSPITAL.

HOUSE PHYSICIANS.

October 1, 1903, to April 1, 1904.

SENIOR.	JUNIOR.
E. L. Martin.	A. H. Hogarth.
W. W. Jeudwine.	H. U. Gould.
F. H. Noke.	N. Macfadyen.
R. M. Ranking.	C. R. V. Brown.
E. G. Pringle.	J. E. Payne.

HOUSE SURGEONS.

October 1, 1903, to April 1, 1904.

SENIOR.	JUNIOR.
H. V. Wenham.	N. E. Waterfield.
H. Love.	T. J. Faulder.
R. C. Elmslie.	L. Noon.
V. G. Ward.	H. Statham.
A. M. Amsler.	A. S. Petrie.

RESIDENT MIDWIFERY ASSISTANT.

E. E. Young.

OPHTHALMIC HOUSE SURGEON.

R. B. Etherington-Smith.

ASSISTANT-CHLOROFORMISTS:—W. F. Cross and H. E. Boyle.
EXTERN MIDWIFERY ASSISTANTS:—E. L. Farncombe and J. F. Alexander.

HOUSE PHYSICIANS.

April 1, 1904, to October 1, 1904.

SENIOR.	JUNIOR.
A. H. Hogarth.	A. C. A. Van Buren.
H. U. Gould.	C. M. H. Howell.
C. R. V. Brown.	A. R. Neligan.
J. E. Payne.	H. H. Clarke.
N. Macfadyen.	G. B. D. Adams.

HOUSE SURGEONS.

April 1, 1904, to October 1, 1904.

SENIOR.	JUNIOR.
N. E. Waterfield.	H. D. Ledward.
T. J. Faulder.	H. W. Wilson.
L. Noon.	R. B Etherington-Smith.
H. Statham.	H. N. Burroughes.
A. S. Petrie.	T. B. A. Haggard.

RESIDENT MIDWIFERY ASSISTANT.

V. G. Ward.

OPHTHALMIC HOUSE SURGEON.

W. H. Hamilton.

ASSISTANT-CHLOROFORMISTS:—W. F. Cross and H. E. G. Boyle.
EXTERN MIDWIFERY ASSISTANTS:—E. L. Martin and J. Burfield.

EXAMINATIONS 1903–1904.

Lawrence Scholarship and Gold Medal—C. M. H. Howell.

Brackenbury Medical Scholarship—A. R. Neligan.

Brackenbury Surgical Scholarship—A. F. Hamilton.

Matthews Duncan Prizes—C. W. Hutt. J. K. Willis. Æq.

Senior Scholarship in Anatomy, Physiology, and Chemistry—P. L. Giuseppi.

Senior Entrance Scholarships in Science—1. G. C. E. Simpson. 2. F. W. W. Griffin, J. J. Paterson. Æq.

Junior Entrance Scholarship in Science—T. L. Bomford.

" " *Preliminary Scientific Exhibition*—H. H. King.

" *Jeaffreson Exhibition*—A. J. S. Fuller.

" *Shuter Scholarship*—T. S. Hele.

Kirkes Scholarship and Gold Medal—E. E. Maples.

Bentley Prize—J. R. R. Trist.

Hichens Prize—H. D. Davis.

Wix Prize—C. A. Stidston.

Harvey Prize—H. Blakeway.

Sir George Burrows Prize—E. H. Shaw. K. S. Wise.

Skynner Prize—K. S. Wise.

Practical Anatomy, Junior.

Treasurer's Prize—1. A. J. S. Fuller. 2. T. L. Bomford. W. W. Wells. 4. R. B. Price. 5. N. E. Davis. 6. F. E. Searle. 7. H. H. King. 8. J. Ramsay.

Practical Anatomy, Senior.

Foster Prize—M Fawkes. 2. G. H. Dive. 3. H. O. Williams. 4. E. R. Jones.

Junior Scholarships in Anatomy and Biology (1904)—1. T. L. Bomford, H. H. King. Æq.

Junior Scholarships in Chemistry and Histology (1903)—1. P. Hamill. 2. R. L. Downer.

Students of St. Bartholomew's Hospital, who have graduated at the Universities, or passed higher Examinations during the year 1903.

UNIVERSITY OF OXFORD

M.Ch. DEGREE.

E. H. Hunt.

FINAL EXAMINATION FOR M.B. B.Ch. DEGREES.

G. B. D. Adams. C. M. H. Howell.

UNIVERSITY OF CAMBRIDGE.

M.D. DEGREE.

Hon. J. H. Scott (Raymond Horton-Smith Prize).

A. M. Ware. F. C. Shrubsall. G. C. Garratt.
L. C. P. Phillips. A. Croft Hill. J. E. Sandilands.

M.C. DEGREE.

J. K. Murphy.

FINAL EXAMINATION FOR THE M.B., B.C. DEGREES.

H. N. Burroughes.
H. H. Clarke.
W. B. Crowfoot.
G. S. Haynes.
F. A. Hepworth.
W. H. Hills.
B. Hudson.
H. L. P. Hulbert.
P. A. Lloyd Jones.
P. W. Leathart.
G. W. Micklethwaite.
C. L. Nedwill.
B. H. Pain.
H. C. Sidgwick.
J. G. Slade.
F. Whitaker.
H. L. Wilson
S. L. O. Young.

DIPLOMA OF PUBLIC HEALTH.

E. C. Bousfield. F. Gröne. G. C. Taylor.
P. J. Cammidge. J. E. Sandilands.

SECOND EXAMINATION FOR THE DEGREE OF M.B.

Anatomy and Physiology.

C. N. le Brocq.
L. B. Cane.
H. J. Gauvain.
M. Grundy.
R. A. Hill.
N. G. Horner.
C. H. Ilott.
T. M. Miller.
J. Postlethwaite.
C. Strickland.
F. P. Young.

UNIVERSITY OF LONDON.

M.D. EXAMINATION.

W. S. Danks. F. A. Field. R. L. Thornley. R. Waterhouse.

M.S. EXAMINATION.

C. A. S. Ridout.

B.S. EXAMINATION.

J. F. Jennings (2nd Class Honours).

J. Burfield. L. E. Dickson. H. V. Wenham.
E. C. Williams. A. C. A. van Buren. A. R. Sport.

M.B. EXAMINATION.

HONOURS EXAMINATION (*October*).

E. E. Maples: *2nd Class Honours in Medicine, and 3rd Class Honours in Forensic Medicine.* A. C. A. van Buren: *2nd Class Honours in Obstetric Medicine, and 2nd Class Honours in Forensic Medicine.* S. M. Hebblethwaite: *3rd Class Honours in Forensic Medicine.*

May:		*October:*	
S. B. Atkinson.	C. C. Robinson.	E. E. Maples.	S. B. Green.
A. F. Hamilton.	E. C. Williams.	G. E. Aubrey.	S. M. Hebblethwaite.
T. H. Harker.		J. Burfield.	A. R. Neligan.
		H. B. Gibbins.	A. C. A. van Buren.

INTERMEDIATE M.B. EXAMINATION (*January*).

Entire Examination: C. Clarke; G. S. Morse; H. D. Clementi-Smith; C. H. Cross; N. Bennett Powell.

Excluding Physiology: A. Barber.

INTERMEDIATE M.B. (*July*).

P. L. Guiseppi: *1st Class Honours in Anatomy.* H. E. Quick: *1st Class Honours in Anatomy, and 3rd Class Honours in Materia Medica and Pharmaceutical Chemistry.* J. M. Hamill: *2nd Class Honours in Anatomy; 1st Class Honours with Gold Medal in Physiology and Histology, and 2nd Class Honours in Materia Medica and Pharmaceutical Chemistry.* G. W. Lloyd: *2nd Class Honours in Anatomy.*

Entire Examination (Pass): S. Upton; B. H. Barton; W. H. Jones; A. M. Jukes; H. R. Prentice; M. B. Reichwald; J. E. H. Roberts; A. W. G. Woodforde.

Physiology only: A. Barber.

PRELIMINARY SCIENTIFIC (*January*).

Entire Examination: A. L. Yates.

Biology: S. T. Davies; A. J. Kendrew; H. W. Scawin; E. M. Woodman.

Chemistry and Physics: E. J. de Verteuil; T. H. Mason; R. S. Townsend.

PRELIMINARY SCIENTIFIC (*July*).

Entire Examination: T. L. Bomford (Honours in Zoology); F. C. Searle; N. C. Davis.

Chemistry and Physics: A. E. Gow.

Biology; A. L. Candler; F. J. Craddock; J. A. A. Kernahan; T. H. Mason; A. Ryland; R. T. Williams; K. Wolferstan.

Intermediate Science: H. H. King; J. R. H. Turton; A. L. Yates.

UNIVERSITY OF DURHAM.

M.D. DEGREE.

S. Raw; R. Thorne Thorne.

M.B. DEGREE.

P. M. Rivaz; A. H. Bateman; P. W. James; W. H. Lamplough.

B.S. DEGREE.

P. M. Rivaz; A. H. Bateman; W. H. Lamplough.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.

FINAL F.R.C.S. EXAMINATION.

E. H. Hunt.
A. J. Fairlie-Clarke.
F. E. Murray.
W. S. Dickie.
R. F. Moorshead.
R. H. Rollinson-Whitaker.
E. A. Peters.
N. Maclaren.
G. Coates.
H. T. Doble.
C. A. B. Horsford.
J. F. Jennings.
J. C. Marshall.
T. H. Molesworth.
F. A. Rose.
F. E. Taylor.
W. C. Wilson.

PRIMARY F.R.C.S. EXAMINATION.

W. G. Ball.
F. A. Rose.
J. C. Mead.
R. C. Elmslie.
L. Noon.
R. A. Bowling.
H. P. Gibb.
C. H. Cross.
R. Jamison.
P. L. Giuseppi.
J. E. R. McDonagh.
R. F. Moore.
A. H. Pinder.
S. S. Rendall.

CONJOINT L.R.C.P. AND M.R.C.S.

Final Examination.

R. V. G. Monckton.
A. F. Hamilton.
F. M. Bishop.
D. C. Evans.
H. N. Burroughes.
T. H. Harker.
H. R. Kidner.
E. B. D. Adams.
F. Whitaker.
P. W. Leathart.
A. H. D. Knight.
J. G. Slade.
H. F. Bodvel Roberts.
B. Hudson.
H. L. Wilson.
W. H. Hamilton.
W. C. F. Harland.
W. B. Crowfoot.
T. P. Baldwin.
H. W. James.
C. M. H. Howell.
G. E. Aubrey.
R. J. Hanbury.
C. R. Keed.
H. A. Kellond-Knight.
C. G. Kingston.
H. H. Serpell.
L. Noon.
J. Burfield.
H. C. Sidgwick.
C. A. Anderson.
A. D. White.
A. R. Neligan.
T. J. Faulder.
E. E. Maples.
E. A. Wright.
A. H. Donaldson.
W. A. Aldred.
C. N. Davis.
T. R. Couldrey.
A. C. A. van Buren.
R. J. P. Thomas.
F. A. Hepworth.
E. S. Ellis.
W. H. Lamplough.
A. H. Hogarth.
T. B. A. Haggard.
G. Hughes.
C. V. Nicoll.
J. M. Plews.
G. C. J. Acres.
S. M. Lawrence.
C. A. W. Pope.
S. L. Harke.
W. P. Yetts.
B. H. Pain.
G. B. D. Adams.
J. G. Atkinson.
W. L. Cripps.
H. W. Wilson.
C. T. M. Plowright.
E. H. White.
F. M. Gardner-Medwin.
C. F. Nicholas.
F. E. Tayler.
A. J. L. Speechley.
A. Hallowes.
H. F. Samuel.
W. H. Scott.
L. L. Winterbotham.

ROYAL NAVY MEDICAL SERVICE.

E. S. Wilkinson. W. P. Yetts (1st place). L. C. E. Murphy.

ROYAL ARMY MEDICAL CORPS.

M. G. Winder. R. M. Ranking. R. C. Wilmot.

INDIAN MEDICAL SERVICE.

F. N. White.

SCHOLARSHIPS, PRIZES, &c.

SCHOLARS BEFORE 1873.

1849 Henry W. Sharpin
1850 Chas. R. Thompson
Samuel Rhind
1851 John A. Brown
John Langdon
1852 Geo. W. Callender[1]
H. H. Sankey
1853 Fred A. Humphry[10]
Wm. Turner[2]
1854 F. A. Nesbitt
Wm. Newman[11]
1855 Henry D. Best
Mich. J. Sadler[12]
1856 James G. Barford
1857 Wm. M. Crowfoot
Wm. B. Winkfield
1858 Geo. F. Helm
Chas. Senior
1859 Horace Jeaffreson
1860 Chas. Brook[13]
Wm. Paine
1861 Wm. Morrant Baker[1]
John Done
1862 Albert Hingston
Bowater J. Vernon[8]
1863 F. W. Richards
S. Hall
H. Mackintosh
L. Powell
1864 F. Bateman
T. Cole
W. V. Lush[14]
R. Robinson
J. W. Snook
1865 W. J. Garrett
F. H. Haynes[15]
T. Cuddiford
J. Adams
W. Square
W. L. Shepard
1866 W. D. Butcher
E. B. Crowfoot
Ralph Goodall
W. Square
H. C. Upton
F. de H. Hall[16]
1867 J. R. Rouch
A. F. Field
1868 A. F. Field
T. J. Hendley
H. Aldersmith
A. E. Cumberbatch[4]
1869 G. W. Burn
H. E. Haynes
C. P. Skrimshire
W. J. Walsham[1]
A. H. G. Doran
1870 H. E. Bridgman[16]
G. W. Burn
A. H. G. Doran[7]
C. Firth
M. Groves
Willoughby Furner[8]
T. Strafford
1871 E. Crétin
H. E. Bridgman
Willoughby Furner[8]
T. Strafford
C. Firth
R. W. Leftwich
P. H. Dickens
A. F. Stevens
1872 H. J. Ilott
G. H. Hames
E. Milner[5]
F. H. Carter
A. F. Stevens
J. C. Verco
C. W. M. Moullin[9]

[1] *Late Surgeon to the Hospital.*
[2] *Principal of the University of Edinburgh.*
[3] *Late Ophthalmic Surgeon to the Hospital*
[4] *Aural Surgeon to the Hospital.*
[5] *Late Surgical Registrar.*
[6] *Surgeon to the London Hospital.*
[7] *Late Assistant-Demonstrator of Anatomy.*
[8] *Surgeon Sussex County Hospital.*
[9] *Physician to the Westminster Hospital.*
[10] *Consulting Surgeon Sussex County Hospital.*
[11] *Late Consulting Surgeon Stamford Infirmary.*
[12] *Physician Beckett Hospital, Barnsley.*
[13] *Surgeon Lincoln County Hospital.*
[14] *Physician Dorset County Hospital.*
[15] *Senior Physician, Warneford Hospital.*
[16] *Surgeon Burton-on-Trent Infirmary.*

OPEN SCHOLARSHIPS IN SCIENCE. (FOUNDED 1873.)

1873 R. H. A. Schofield
1874 G. Coates, J. C. Saunders[11] Æq.
1875 C. P. Lukis
1876 A. M. Marshall[8], S. Nall Æq.
1877 W. E. Hoyle
1878 A. J. Anderson[2], J. Berry
1879 H. Lewis Jones[7], T. W. Shore[6]
1880 J. Nall
H. C. Chapman, S. K. Alcock Æq.
1881 J. Elliott
E. G. Stocker
1882 F. W. Andrewes[4]
1883 R. M. Brown, J. G. E. Colby Æq.
H. G. Adamson, F. F. Blackman Æq.
1884 B. Pierce
1885 R. Pickard, E. N. Reichardt, H. R. Jones, James Kerr
C. R. Stevens
1886 E. Lloyd Jones
H. J. Waring[6]
1887 W. B. Jones
H. T. Parker, A. N. Weir[15]
1888 N. Soden
J. W. Pickering[10]
1889 H. J. Paterson
W. H. Pollard
S. S. F. Blackman, F. Fraser
S. Gillies
P. Horton-Smith[13], F. A. Smith
E. W. Groves[10]
1891 M. Coleman, T. J. Horder[18]
H. T. Gillett
V. H. Blackman
1892 C. Todd
W d'E. Emery[10]
S. B. Atkinson
1893 R. H. Bremridge
E. C. Morland[19]
H. A. Colwell
1894 A. L. Ormerod
W. L. Brown[21]
F. C. Borrow, S. R. Scott[22]
1895 J. S. Williamson
C. S. Myers
R. C. Bowden, R. H. Paramore
1896 H. F. Parker, E. H. Scolefield Æq.
C. J. Thomas
R. C. Elmslie[10]
1897 C. E. West[20]
W. M. Fletcher[17]
H. R. Kidner[10], E. C. Williams[10] Æq.
1898 L. J. Picton
C. C. Robinson, J. Burfield Æq.
1899 H. D. Clementi-Smith, K. S. Wise Æq.
1900 L. Noon
C. M. H. Howell, H. D. Ledward Æq.
C. B. D. Butcher, R. H. Bott Æq.
1901 J. M. Hamill
R. F. Moore
H. E. Quick
1902 H. J. Gauvain[10]
C. W. Hutt, W. J. Cumberledge, R. L. E. Downer, P. Hamill Æq.
1903 G. C. E. Simpson
F. W. W. Griffin, J. J. Paterson, T. L. Bomford Æq.

PRELIMINARY SCIENTIFIC EXHIBITION. (FOUNDED 1873.)

1873 T. E. Hayward
1874 R. Gill[12]
1875 A. C. Dismore
1876 E. Clarke
1877 P. S. Abraham[3]
1878 J. R. Forrest, A. Hill[1] Æq.
1879 J. B. Nias[2]
1880 G. L. Wells[14]
1881 F. N. Brown, H. W. Gardner Æq.
1882 C. H. Hands, A. W. Laing
1883 H. Symonds, J. Wilkie
1884 R. G. Elliott
1885 E. J. P. Olive
1886 W. E. Sargant, C. H. Langford Æq.
1887 H. W. Armstead, J. C. Baker Æq.
1888 R. E. Scholefield[9]
1889 W. E. Lee
1890 M. G. Pearson
1891 J. Hussey
1892 J. H. Churchill[10]
1893 J. E. Robinson
1894 L. A. Walker
1895 J. C. M. Bailey
1896 R. A. S. Sunderland
1897 E. G. Pringle.
1898 A. F. Forster
1899 Not awarded
1900 J. C. Mead
1901 D. W. Hume, A. M. Jukes Æq.
1902 G. T. Burke, J. Hadwen Æq.
1903 H. H. King

[1] *Late Vice Chancellor of the University of Cambridge and Master of Downing College.*
[2] *Late Radcliffe Travelling Fellow, Oxford.*
[3] *Late Lecturer on Physiology, Westminster Hospital.*
[4] *Lecturer on Pathology and Pathologist.*
[5] *Lecturer on Comparative Anatomy, Late Warden of the College.*
[6] *Assistant Surgeon to the Hospital, Joint Lecturer on Anatomy, Dean of School.*
[7] *Medical Officer, Electrical Department.*
[8] *Late Professor of Zoology, Owens College, Manchester.*
[9] *Late Radcliffe Travelling Fellow, Oxford.*
[10] *Late Assistant-Demonstrator of Biology.*
[11] *Late Fellow and Tutor of Downing College, Cambridge.*
[12] *Chloroformist to the Hospital.*
[13] *Demonstrator of Materia Medica.*
[14] *Demonstrator of Anatomy, Yorkshire College, Leeds.*
[15] *Late Assistant Demonstrator of Anatomy.*
[16] *Late Assistant Demonstrator of Pathology.*
[17] *Fellow of Trinity College, Cambridge.*
[18] *Medical Registrar.*
[19] *Junior Demonstrator of Biology.*
[20] *Junior Demonstrator of Anatomy.*
[21] *Junior Demonstrator of Practical Medicine and Demonstrator of Physiology.*
[22] *Junior Demonstrator of Anatomy.*

JEAFFRESON EXHIBITION.

(FOUNDED 1868.)

1868 A. Wall
1869 F. D. Brodribb
1870 E. Crétin
1871 F. H. Carter
1872 H. F. Chapman
1873 F. H. Craddock
1874 T. W. H. Garstang
1875 T. Kirsopp
1876 W. J. Collins[1]
1877 W. P. Herringham[2]
1878 A. Shadwell
1879 A. Thistleton
1880 R. Wrigley
1881 E. O. Fountain
1882 C. S. Pethick
1883 J. Wilkie
1884 H. G. Cook[3], W. A. Murray
1885 J. Williamson
1886 F. Mangan
1887 W. J. Ansorge
1888 No Election
1889 R. W. Gilmour
1890 G. A. Crace-Calvert
1891 F. H. Nimmo
1892 J. H. Thursfield[4]
1893 G. V. Bull
1894 C. A. S. Ridout
1895 H. A. Kellond-Knight
1896 S. G. Mostyn
1897 L. R. Tosswill
1898 T. J. Faulder[5]
1899 M. B. Reichwald
1900 P. L. Guiseppi
1901 A. Kernahan, E. de Verteuil } Æq.
1902 A. L. Candler
1903 A. J. S. Fuller.

[1] *Surgeon, London Temperance Hospital.* [3] *Assistant-Surgeon, Cardiff Infirmary.*
[2] *Assistant-Physician, late Demonstrator of Anatomy.* [4] *Late Junior Curator of Museum.*
[5] *Junior Demonstrator of Anatomy.*

SHUTER SCHOLARSHIP.

(FOUNDED 1886.)

1887 A. E. Nuttall, Trinity College
1888 J. H. Edwards, St. John's College
1889 J. Attlee, St. John's College
1890 P. Horton-Smith,[1] St. John's Coll.
1891 J. G. Blandford, Pembroke College
1892 W. M. Borcherds, Caius College
1893 A. R. Cook, Trinity College
1894 S. D. Rowland, Downing College, T. H. Molesworth, Caius College
1895 Not awarded
1896 F. A. Rose,[3] St. John's College
1897 F. A. Bainbridge,[2] Trinity College, B. Truman, Trinity Hall } Æq.
1898 F. C. Shrubsall, Clare College
1899 H. W. Atkinson, Caius College
1900 H. H. Dale, Trinity College
1901 C. F. Hadfield, Trinity College
1902 J. K. Willis, Queen's College
1903 J. D. Barris, Caius College.

[1] *Late Fellow of St. John's College, Cambridge; Medical Registrar.*
[2] *Demonstrator of Physiology.* [3] *Demonstrator of Pathology.*

JUNIOR SCHOLARSHIPS.

1864 W. J. Garrett, W. Square, W. Tattersall, C. D. Butt
1865 E. B. Crowfoot, W. Thurston, L. Newton
1866 F. de H. Hall[11]
1871–72 G. H. Hames, F. H. Spooner, F. H. Carter } Æq.
1872–73 W. A. Shoolbred, F. S. Eve[1], C. W. Moullin[1]
1873–74 T. E. Hayward, R. H. A. Schofield, H. F. Steele
1874–75 G. Coates[4], M. Prickett, R. Gill[14]
1875–76 G. H. Barling[3], A. Franklin, C. C. Shepherd
1876–77 G. F. Barnes, W. T. Wyatt, E. J. Risk
1877–78 P. S. Abraham[9], W. Overend[4]
1877–78 W. E. Hoyle[15]
1878–79 A. J. Anderson[4], J. Berry[10], S. Davies
1879–80 T. W. Shore[3], E. C. Pettifer, F. Cresswell
1880–81 G. L. Wells[13], A. E. Garrod[5], S. H. Habershon[16]
1881–82 W. G. Spencer[6], W. J. Gow[12], H. D. Rolleston[7]
1882–83 F. W. Andrewes[8]

[1] *Surgeon, London Hospital.* [2] *Surgeon, Birmingham General Hospital.*
[3] *Lecturer on Comparative Anatomy, late Warden of the College.*
[4] *Late Radcliffe Travelling Fellow.* [5] *Assistant-Physician.*
[6] *Surgeon, Westminster Hospital.*
[7] *Physician to St. George's Hospital, late Fellow of St. John's College, Cambridge.*
[8] *Late Fellow of Pembroke College, Oxford, Lecturer on Pathology and Pathologist.*
[9] *Late Lecturer on Physiology, Westminster Hospital.*
[10] *Surgeon, Royal Free Hospital, late Surgical Registrar.*
[11] *Physician, Westminster Hospital*
[12] *Assistant-Physician Accoucheur, St. Mary's Hospital.*
[13] *Demonstrator of Anatomy, School of Medicine, Leeds.*
[14] *Senior Anæsthetist.* [15] *Keeper of the Museum, Manchester.*
[16] *Physician, Brompton Hospital*

JUNIOR SCHOLARSHIPS—*continued.*

1882–83 W. H. Hamer[1]
M. O. Manson
F. W. Green
1883–84 J. H. White
J. G. E. Colby
H. Symonds
1884–85 B. Pierce
C. H. Roberts[2]
R. Pickard
1885–86 G. L. Rolleston
W. McA. Eccles[5]
W. F. Oakshot
1886–87 A. G. Gane
H. J. Waring[2]
T. L. Paget
1887–88 A. S. Blackwell
H. W. Armstead
A. N. Weir[4]
1888–89 B. Collyer
W. N. Soden
B. Collyer
H. A. Andrews
1889–90 A. G. Gurney
F. Fraser
W. H. Symons
S. Isake
1890–91 F. A. Smith
E. J. Toye
J. Currie
E. G. B. Drury
1891–92 J. T. Horder[6]
J. Hussey
1892–93 S. B. Atkinson
T. D. Jago
W. J. Harding
R. P. Brown
1893–94 E. C. Morland[7]
H. Davies
J. H. Thursfield[8]
H. A. Colwell, E. C. Morland } Æq.
1894–95 S. R. Scott
H. G. Wood, Hill, F. C. Borrow } Æq.
L. A. Walker
R. Walker
1895–96 R. H. Paramore
A. R. Tweedie
J. S. Williamson
E. G. Smith
1896–97 R. C. Elmslie[7]
F. Gröne
F. N. White[7]
1897–98 E. C. Williams[7]
E. B. Smith
H. V. Wenham
1898–99 A. Hamilton
T. H. Harker
C. C. Robinson
W. A. Alder
1899–00 T. J. Faulder[9]
E. E. Maples
1900–01 E. H. Shaw
J. C. Mead
F. B. Ambler
R. H. Bott
1901–02 P. L. Guiseppi
H. E. Quick
H. E. Quick
J. E. H. Roberts
1902–03 E. M. Woodman
G. T. Burke
P. Hamill
R. L. Downer
1903–4 T. L. Bomford, H. H. King } Æq.

[1] *Lecturer on Public Health.*
[2] *Assistant-Surgeon, Joint Lecturer on Anatomy, Dean of School.*
[3] *Late Demonstrator of Midwifery.*
[4] *Late Assistant-Demonstrator of Anatomy.*
[5] *Assistant-Surgeon, and Joint Lecturer on Anatomy.*
[6] *Medical Registrar.*
[7] *Late Assistant-Demonstrator of Biology.*
[8] *Demonstrator of Pathology.*
[9] *Junior Demonstrator of Anatomy.*

SENIOR SCHOLARSHIPS.

1864 W. J. Garrett
W. Square
F. H. Haynes
1865 W. L. Shepard
T. Cuddeford
Q. O. Adams
1870 W. Square
H. C. Upton
W. D. Butcher
E. B. Crowfoot
1871 C. Firth
R. W. Leftwich
1872 A. F. Stevens
J. C. Verco
1872–73 E. Crétin
G. H. Hames, F. H. Spooner } Æq.
1873–74 F. S. Eve[4]
1874–75 R. H. A. Schofield
1875–76 G. Coates[11]
1876–77 R. Gill[8]
1877–78 D. A. King[3]
1878–79 D. D. Day[9]
1879–80 A. J. Anderson
1880–81 T. W. Shore[1]
1881–82 E. C. Pettifer
1882–83 G. L. Wells[12]
1883–84 W. G. Spencer[2]
1884–85 J. Wilkie
1885–86 G. Heaton[7]
1886–87 C. H. Roberts[6]
1887–88 H. J. Waring[5]
1888–89 A. G. Gane
1889–90 H. W. Armstead
1890–91 J. S. Sloane[3]
1891–92 E. J. Toye
1892–93 J. Hussey
1893–94 T. J. Horder[10]
1894–95 E. C. Morland[13]
1895–96 H. A. Colwell
1896–97 S. R. Scott
1897–98 R. C. Elmslie[13]
1898–99 F. Gröne
1899–00 N. E. Waterfield
1900–01 A. Hamilton
1901–02 J. G. Atkinson
1902–03 F. B. Ambler.
1903–04 P. L. Guiseppi

[1] *Lecturer on Biology and Comparative Anatomy.*
[2] *Surgeon, Westminster Hospital.*
[3] *Late Assistant-Demonstrator of Anatomy.*
[4] *Surgeon, London Hospital.*
[5] *Assistant Surgeon, Joint Lecturer on Anatomy, Dean of School.*
[6] *Late Demonstrator of Midwifery.*
[7] *Surgeon, Birmingham General Hospital.*
[8] *Chloroformist.*
[9] *Assistant-Surgeon, Norfolk and Norwich Hospital.*
[10] *Medical Registrar.*
[11] *Late Radcliffe Travelling Fellow, Oxford.*
[12] *Demonstrator of Anatomy, Yorkshire College, Leeds.*
[13] *Late Assistant-Demonstrator of Biology.*

LAWRENCE SCHOLARSHIP.

(FOUNDED 1873.)

1874 E. Crétin
1875 Not awarded
1876 R. H. A. Schofield
1877 No candidate
1878 M. Prickett
1879 T. Kirsopp
1880 D. D. Day[6]
1881 Not awarded
1882 R. J. Collyns
1883 T. W. Shore
1884 S. H. Habershon[1]
1885 W. G. Spencer[4]
1886 H. Davidson
1887 W. H. Hamer[3]
1888 G. Heaton[5]
1889 Bedford Pierce[1]
1890 H. A. Powell
1891 T. J. Dyall
1892 E. W. G. Masterman
1893 A. S. Blackwell
1894 J. S. Sloane[3]
1895 J. K. Murphy[3]
1896 S. Gillies
1897 G. A. Auden, J. Hussey } Æq.
1898 T. J. Horder[7]
1899 Not awarded
1900 C. J. Thomas[9]
1901 C. E. West[8]
1902 R. C. Elmslie
1903 A. A. Meaden.
1904 C. M. H. Howell.

[1] *Late Casualty Physician.*
[2] *Lecturer on Public Health.*
[3] *Late Junior Demonstrator of Anatomy.*
[4] *Surgeon, Westminster Hospital.*
[5] *Surgeon, Birmingham General Hospital.*
[6] *Assistant-Surgeon, Norfolk and Norwich Hospital.*
[7] *Medical Registrar.*
[8] *Junior Demonstrator of Anatomy.*
[9] *Late Junior Demonstrator of Physiology.*

BRACKENBURY SCHOLARSHIP IN MEDICINE.

(FOUNDED 1873.)

1874 A. J. Sturmer
1875 G. H. Hames
1876 R. H. A. Schofield
1877 W. L. Heath, P. A. Steedman } Æq.
1878 S. S. Burn
1879 C. P. Lukis
1880 D. A. King[1]
1881 G. F. Barnes
1882 C. A. Morton[7], T. W. Shore[2] } Æq.
1883 F. Cresswell
1884 A. E. Garrod[3], G. E. Murray } Æq.
1885 W. J. Gow[10]
1886 H. J. Tylden
1887 C. P. Crouch, G. L. Turnbull } Æq.
1888 B. Pierce[4]
1889 J. A. Hayward[5]
1890 F. Johnson
1891 C. Coles
1892 E. H. E. Stack
1893 H. L. Brookshank
1894 P. E. Turner
1895 S. Gillies
1896 J. Hussey
1897 T. J. Horder[6]
1898 C. Riviere[8]
1899 C. J. Thomas[9]
1900 A. T. Pridham
1901 F. C. Shrubsall
1902 A. E. Thomas
1903 C. M. H. Howell.
1904 A. R. Neligan.

[1] *Late Assistant-Demonstrator of Anatomy, late Casualty Physician.*
[2] *Lecturer on Biology and Comparative Anatomy.*
[3] *Assistant-Physician.*
[4] *Late Casualty Physician.*
[5] *Late Assistant-Demonstrator of Anatomy.*
[6] *Medical Registrar.*
[7] *Surgeon, Bristol General Hospital.*
[8] *Late Casualty Physician.*
[9] *Late Junior Demonstrator of Physiology.*
[10] *Obstetric Physician, St. Mary's Hospital.*

BRACKENBURY SCHOLARSHIP IN SURGERY.

(FOUNDED 1873.)

1874 E. Crétin
1875 M. Vernon
1876 W. Pye[1]
1877 G. O. Mead
1878 A. Dingley
1879 H. W. T. Mudge
1880 A. A. Bowlby[2]
1881 J. Harper
1882 R. J. Collyns
1883 J. Berry[2]
1884 W. T. H. Spicer[8]
1885 A. Lyndon
1886 L. M. Gabriel
1887 W. Balgarnie[5]
1888 J. G. E. Colby
1889 C. H. Roberts[4]
1890 R. C. Bailey[6]
1891 R. Brown, E. W. G. Masterman } Æq.
1892 A. H. Buck, A. N. Weir[5] } Æq.
1893 J. S. Sloane[5]
1894 F. Fraser
1895 L. Giles
1896 G. V. Worthington, H. Williamson[9]
1897 L. B. Rawling[10]
1898 H. Mundy[7]
1899 F. C. Borrow
1900 C. E. West[11]
1901 A. E. J. Lister
1902 F. P. Connor
1903 T. J. Faulder.
1904 A. F. Hamilton.

[1] *Late Assistant-Surgeon, St. Mary's Hospital.*
[2] *Surgeon, Lecturer on Surgery.*
[3] *Surgeon, Royal Free Hospital, late Demonstrator of Surgery, late Surgical Registrar.*
[4] *Late Demonstrator of Midwifery.*
[5] *Late Assistant-Demonstrator of Anatomy.*
[6] *Assistant-Surgeon to the Hospital.*
[7] *Late Demonstrator of Anatomy*
[8] *Ophthalmic Surgeon to the Hospital.*
[9] *Demonstrator of Practical Midwifery.*
[10] *Senior Demonstrator of Anatomy.*
[11] *Junior Demonstrator of Anatomy.*

KIRKES GOLD MEDAL (FOUNDED 1865) AND SCHOLARSHIP (FOUNDED 1885).

1867 L. Newton
1868 A. F. Field
1869 T. H. Hendley
1870 A. E. Cumberbatch [1]
1871 D. P. James
1872 R. N. Boodle
1873 H. J. Ilott, C. S. W. Cobbold } Æq.
1874 J. Macready [2]
1875 G. H. Hames
1876 A. G. Williams
1877 W. L. Heath
1878 C. A. D. Clarke
1879 G. Barling [7], W. T. Wyatt } Æq.
1880 D. D. Day [8]
1881 W. P. Herringham [3]
1882 R. J. Collyns
1883 F. Cresswell
1884 S. H. Habershon
1885 W. J. Gow [5]
1886 W. H. Hamer [4]
1887 F. E. Gibbens
1888 C. H. Roberts [6]
1889 W. F. Oakeshott
1890 C. E. Williams
1891 Not awarded
1892 H. L. Brooksbank
1893 G. C. Garrett
1894 H. T. Whitling
1895 Not awarded
1896 G. A. Auden
1897 H. Thursfield [9]
1898 R. Hatfield
1899 C. J. Thomas [10]
1900 A. E. H. Thomas
1901 A. E. Thomas
1902 E. G. Pringle
1903 C. M. H. Howell
1904 E. E. Maples

[1] *Aural Surgeon to the Hospital.* [2] *Late Surgical Registrar.*
[3] *Assistant-Physician, Lecturer on Forensic Medicine.*
[4] *Lecturer on Public Health.*
[5] *Late Demonstrator of Practical Midwifery, Assistant-Physician Acc., St. Mary's Hosp.*
[6] *Late Demonstrator of Practical Midwifery.*
[7] *Surgeon, Birmingham General Hospital.*
[8] *Assistant-Surgeon, Norfolk and Norwich Hospital.*
[9] *Demonstrator of Pathology.* [10] *Late Junior Demonstrator of Physiology.*

MATTHEWS DUNCAN MEDAL AND PRIZE (FOUNDED 1893).

1893 J. Morrison [1] (Medal), T. A. Bowes (Prize)
1894 Ll. Phillips (Prize)
1895 T. S. Pigg [2] (Medal)
1896 G. E. Dodson, T. J. Horder [3] } Æq. (Prizes)
1897 E. C. Morland [5] (Prize)
1898 J. L. Maxwell (Medal)
1899 C. J. Thomas [4] (Prize)
1900 R. H. Paramore (Prize)
1901 R. C. Elmslie [5], H. Love } Æq. (Prizes)
1902 A. R. Neligan (Medal)
1903 H. W. Wilson, H. P. Gibb } Æq. (Prizes)
1904 C. W. Hutt, J. K. Willis } Æq. (Prizes)

[1] *Late Demonstrator of Midwifery.*
[2] *Late Assistant-Curator of the Museum; Demonstrator of Pathology, University of Cambridge.*
[3] *Medical Registrar, late Demonstrator of Pathology.*
[4] *Late Junior Demonstrator of Physiology.* [5] *Late Junior Demonstrator of Biology.*

THE TREASURER'S RESEARCH STUDENTSHIP

1894 C. P. White [1]
1895 J. W. W. Stephens [2]
1896 J. W. W. Stephens
1897 W. d'E. Emery [4]
1898 P. J. Cammidge [3]
1899 J. H. Churchill
1900 H. A. Schölberg
1901 E. Brewerton

[1] *Late Demonstrator of Pathology, Yorkshire College, Leeds.*
[2] *Late Assistant Bacteriologist to the Government of India.*
[3] *Late Assistant-Demonstrator of Pathology, School of Medicine, Leeds.*
[4] *Late Lecturer on Bacteriology in University of Birmingham.*

Printed by BALLANTYNE, HANSON & Co.
London & Edinburgh

ST. BARTHOLOMEW'S HOSPITAL REPORTS

The forthcoming Fortieth Volume of the St. Bartholomew's Hospital Reports

WILL APPEAR IN JANUARY

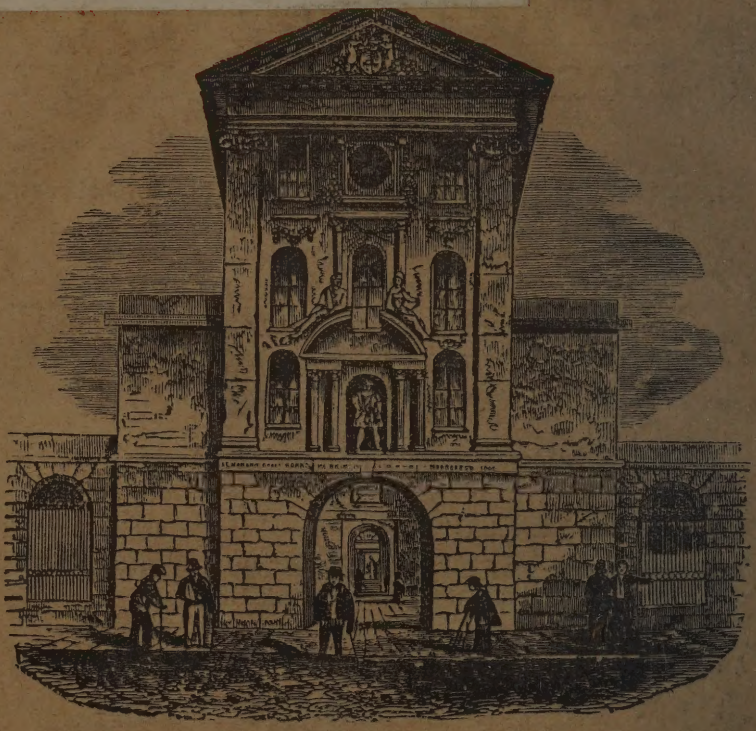
and will contain Papers by the Medical and Surgical Staff, and by other Members of the School

Price to Subscribers, 6s.; to Non-Subscribers, 8s. 6d.

Gentlemen wishing to subscribe are requested to send their names either to the Editors, Dr. GARROD and Mr. MCADAM ECCLES or to Mr. COUGHTREY, at the Library, St. Bartholomew's Hospital.

An Index to the first twenty volumes, prepared by Sir William Church, is issued as a separate volume, price 5s.

BOARD OF EDUCATION
REFERENCE LIBRARY



KING HENRY VIII.'s GATE